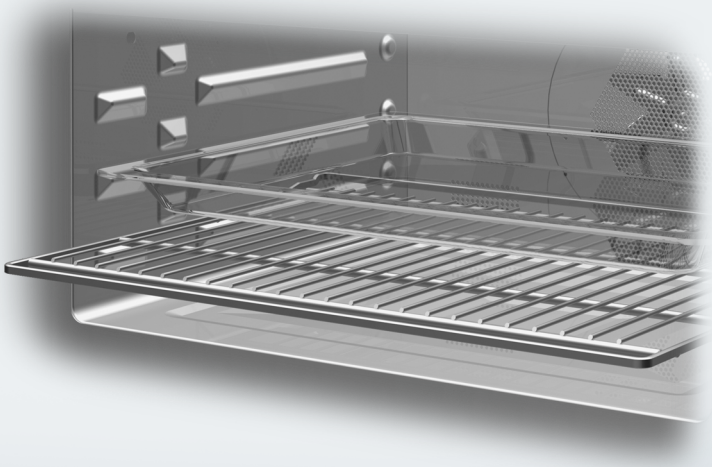
Operating and installation instructions
Microwave combination oven



To avoid the risk of accidents or damage to the appliance it is **essential** to read these instructions before it is installed and used for the first time.

en - GB

M.-Nr. 09 830 140

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This appliance complies with statutory safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time. They contain important notes on installation, safety, use and maintenance.

Miele cannot be held liable for non-compliance with these instructions.

Keep these instructions in a safe place and ensure that new users are familiar with the contents. Pass them on to any future owner.

Correct application

▶ This oven is intended for use in domestic households and similar working and residential environments.

▶ The oven is not intended for outdoor use.

▶ It is intended for domestic use only to cook food, and in particular to bake, roast, grill, cook, reheat, defrost and dry food.
Any other use is not supported by the manufacturer and could be dangerous.

▶ Do not use the microwave combination oven to store or dry items which could ignite easily.
If such items were dried in the microwave oven, the moisture in the item would evaporate causing it to dry out and even self-ignite.

▶ People with reduced physical, sensory or mental capabilities, or lack of experience or knowledge who are not able to use the appliance safely on their own must be supervised whilst using it. They may only use it unsupervised if they have been shown how to use it safely and recognise and understand the consequences of incorrect operation.

Safety with children

▶ Children under 8 years of age must be kept away from the appliance unless they are constantly supervised.

▶ Children 8 years and older may only use the oven unsupervised if they have been shown how to use it safely and recognise and understand the consequences of incorrect operation.

▶ Children must not be allowed to clean or maintain the appliance unsupervised.

▶ Please supervise children in the vicinity of the oven and do not let them play with it.

▶ Danger of suffocation. Packaging, e.g. plastic wrappings, must be kept out of the reach of babies and children. Whilst playing, children could become entangled in packaging or pull it over their head and suffocate.

▶ Danger of burning.
Children's skin is far more sensitive to high temperatures than that of adults. External parts of the oven such as the door glass, control panel and the vents become quite hot during use. Do not let children touch the oven whilst it is in use.

▶ Danger of injury
The oven door can support a maximum weight of 8 kg. Do not let children sit on the door, lean against it or swing on it.

Technical safety

▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user. Installation, maintenance and repairs must only be carried out by a Miele authorised technician.

▶ Never use a damaged oven. It could be dangerous. Check it for visible signs of damage before using it.

▶ Operating a damaged appliance can result in microwave leakage and present a hazard to the user. Do not use the appliance if:

– the door is warped,

– the door hinges are loose,

– holes or cracks are visible in the casing, the door, the door seal or the oven interior walls.

▶ The electrical safety of this appliance can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a qualified electrician.

▶ To avoid the risk of damage to the oven, make sure that the connection data on the data plate (voltage and frequency) match the mains electricity supply before connecting the oven to the mains. Consult a qualified electrician if in doubt.

▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. These do not guarantee the required safety of the appliance (fire hazard).

▶ For safety reasons, this appliance may only be used after it has been built in.

▶ The oven must not be used in a non-stationary location (e.g. on a ship).

▶ Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.
Never open the casing of the appliance.

▶ While the appliance is under guarantee, repairs should only be undertaken by a Miele authorised service technician. Otherwise the guarantee is invalidated.

▶ Miele can only guarantee the safety of the appliance when genuine original Miele replacement parts are used. Faulty components must only be replaced by Miele spare parts.

▶ If the connection cable is damaged or if the oven is supplied without a cable, it must be replaced or fitted with a special connection cable by a Miele authorised technician (see "Electrical connection").

▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply, e.g. if the oven lighting is faulty (see "Problem solving guide" and "Electrical connection").

▶ In order to function correctly, the oven requires an adequate supply of cool air. Ensure that the supply of cool air is not impaired (e.g. by heat insulation strips in the housing unit). Please also ensure that the cool air supply is not unduly heated by other heat sources such as a solid fuel stove.

▶ If the oven is installed behind a furniture panel (e.g. a door), ensure that the door is never closed whilst the oven is in use. Heat and moisture can build up behind a closed furniture panel and cause subsequent damage to the oven, the housing unit and the floor. Do not close the door until the oven has cooled down completely.

Correct use

⚠ Danger of burning.
The oven becomes hot when in use.
Depending on function being used, you could burn yourself on the heating elements, oven interior, cooked food or oven accessories.
Wear oven gloves when placing food in the oven, turning or removing it and when adjusting oven shelves etc. in a hot oven.

▶ Due to the high temperatures radiated, objects left near the oven when it is in use could start to burn.
Do not use the oven to heat up the room.

▶ Oil and fat can ignite if overheated. Never leave the oven unattended when cooking with oil and fat. Do not use the oven for deep fat frying.
Never use water to extinguish ignited oil or fat. Switch the oven off immediately and then suffocate the flames by keeping the oven door closed.

▶ Please be aware that durations when using microwave power are often considerably shorter when cooking, reheating and defrosting than when using functions without microwave power. Excessively long cooking times can lead to food drying out and burning or could even cause it to catch fire.
Make sure you keep to recommended grilling times when using the grill. Do not use Microwave solo for drying items such as flowers, herbs, bread or rolls. Never use functions with the grill for bake-off products such as bread or bread rolls, or for drying flowers or herbs. Use Fan plus for these procedures and monitor the process carefully.

▶ If using alcohol in your recipes, please be aware that high temperatures can cause the alcohol to vaporise. The vapour can catch fire on hot heating elements.

▶ When using residual heat to keep food in the oven warm, the high humidity and amount of condensation in the oven can cause corrosion in the oven. The control panel, the worktop or the housing unit can also suffer damage.
Always cover food when using the Microwave solo . Once food is cooked through, use a lower power for continued cooking to reduce the amount of steam produced from the food.
When using residual heat do not switch the oven off. Instead set the temperature to the lowest setting and leave the oven on the selected function.
The fan will then remain on automatically and dissipate the moisture.

▶ Food which is stored in the oven or left in it to be kept warm can dry out and the moisture released can lead to corrosion damage in the oven.
Always cover food that is left in the oven to keep warm.

▶ A build-up of heat can cause damage to the enamel on the floor of the oven.
When using Fan plus do not line the floor of the oven with anything, e. g. aluminium foil or so-called protective liners. Neither should you place roasting pans or glass trays directly on the oven floor.

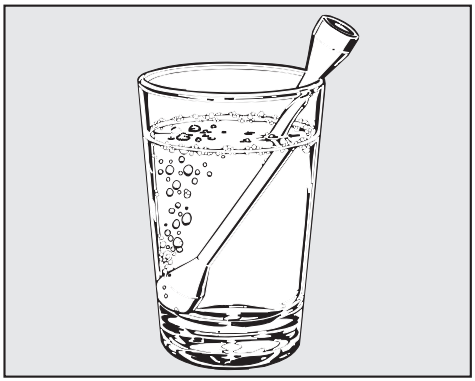
▶ It is important that the heat is allowed to spread evenly throughout the food being cooked. This can be achieved by stirring and/or turning the food, and observing a sufficiently long standing time, which should be added to the time needed for cooking, reheating or defrosting.

▶ When heating food and drinks, remember that the heat is created in the food itself, and that the container will normally be cooler. The dish is only warmed by the heat of the food.
Before serving, remember to allow a sufficient standing time and then always check the temperature of the food after taking it out of the microwave oven. The temperature of the container is not an indication of the temperature of the food or liquid in it. **This is particularly important when preparing food for babies, children, and the elderly or infirm.** Shake or stir baby milk and food thoroughly after heating, and try it for temperature to ensure that it will not scald the baby.

▶ The oven is not suitable for cleaning or disinfecting items. Items can get extremely hot and there is a danger of burning when the item is removed from the appliance.

▶ Do not cook or reheat food or liquids in sealed containers, jars or bottles. With baby bottles, the screw top and teat must be removed. Otherwise pressure will build up which can cause the bottle or container to explode, posing a severe risk of injury.

▶ The boiling rod ensures that the liquid heats up evenly with bubbles forming at the right time.



When reheating liquids, always place the boiling rod supplied into the cup or glass.
When boiling and in particular when re-heating liquids, milk, sauces etc, using microwave power without the boiling rod, the boiling point of the liquid may be reached without the production of typical bubbles. The liquid does not boil evenly throughout. This so-called 'boiling delay' can cause a sudden build up of bubbles when the container is removed from the oven or shaken. This can lead to the liquid boiling over suddenly and explosively. Danger of scalding and burning. The formation of bubbles can be so strong that the pressure forces the oven door open, with a danger of injury and damage. The user could be injured and the appliance damaged.

▶ Eggs can be cooked without their shells using microwave power only if the yolk membrane has been punctured several times first. The pressure could otherwise cause the egg yolk to explode.

▶ Eggs in their shells will explode if cooked with microwave power, even after taking them out of the oven.
They can only be cooked in their shells using microwave heat in a specially designed egg-boiling device available from specialist shops. Hard-boiled eggs must not be reheated in the microwave oven either as they too will explode.

▶ Food with a thick skin or peel, such as tomatoes, sausages, jacket potatoes and aubergines, should be pierced or cut in several places to allow steam to escape and prevent the food from bursting.

▶ To check food temperature, first interrupt the cooking process. Only use a thermometer specifically approved for food use to measure the temperature of the food. Do not use a thermometer containing mercury or liquid as these are not suitable for use with very high temperatures and break very easily.

▶ Do not use the oven to heat up cushions or pads filled with cherry kernels, wheat grains, lavender or gel, such as those used in aromatherapy.
These pads can ignite when heated even after they have been removed from the oven.

▶ To avoid fuelling any flames, do not open the oven door if smoke occurs inside the appliance. Interrupt the process by switching the appliance off and disconnect it from the mains electricity supply. Do not open the door until the smoke has dispersed.

▶ Dishes with hollow knobs or handles are not suitable for use with microwave power. Moisture which has gathered in the hollow recesses can cause pressure to build up and the item can explode. If the hollow recess is sufficiently ventilated, the item could be used. However, we recommend that you do not use such dishes in the microwave oven.

▶ Fire hazard. Using Microwave solo ≋ or Microwave combination programmes with plastic dishes which are not microwave safe can cause them to melt and damage the appliance. Do not use any containers or cutlery made from or containing metal, aluminium foil, lead crystal glassware, temperature-sensitive plastics, wooden utensils or cutlery, metal clips or plastic or paper covered wire ties. Do not use bowls with milled rims, or plastic pots with the foil lid only partially removed (see "Suitable containers for microwave use").

▶ For functions without microwave power: plastic containers which are not suitable for use in an oven can melt at high temperatures and can even damage the oven or catch fire. Only use containers which are declared by the manufacturer as being suitable for use in an oven. Follow the manufacturer's instructions on use.

▶ Do not leave the microwave oven unattended when reheating or cooking food in disposable containers made of plastic, paper or other inflammable materials.
Before using single-use containers make sure they are suitable for use in microwave ovens. See "Suitable containers for microwave use - Plastics".

▶ Do not reheat food in the oven in heat-retaining bags which are intended for use in normal ovens.
These heat-retaining bags usually contain a thin layer of aluminium foil which reflects microwaves. This reflected energy can, in turn, cause the outer paper covering to become so hot that it ignites.

▶ The oven can suffer damage when using Microwave solo [≋] or Combination programmes if it is empty or incorrectly loaded.
For this reason please do not use functions with microwave power to pre-heat crockery or to dry herbs.
Instead use Fan plus [⁂] for these procedures.

▶ Do not heat up food in closed containers e.g. tins or sealed jars in the oven, as pressure will build up in the container, causing it to explode.

▶ You could injure yourself on the open oven door or trip over it. Avoid leaving the door open unnecessarily.

▶ The door can support a maximum weight of 8 kg.
Do not sit on or lean against an open door, and do not place heavy objects on it. Also make sure that nothing can get trapped between the door and the oven cavity. The oven could get damaged.

Cleaning and care

▶ Do not use a steam cleaning appliance to clean this appliance. The steam could reach electrical components and cause a short circuit.

▶ Scratches on the door glass can result in the glass breaking. Do not use abrasive cleaners, hard sponges, brushes or sharp metal tools to clean the door glass.

▶ Try to avoid the interior walls being splashed with food or liquids containing salt. If it does happen, wipe these away thoroughly to avoid corrosion on the stainless steel surface.

Accessories

▶ Only use genuine original Miele accessories. Using accessories from other manufacturers will invalidate the guarantee, and Miele cannot accept liability.

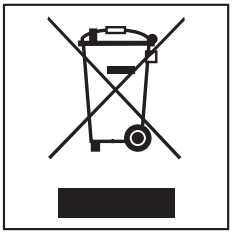
Disposal of the packing material

The packaging is designed to protect the appliance from damage during transportation. The packaging materials used are selected from materials which are environmentally friendly for disposal and should be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites.

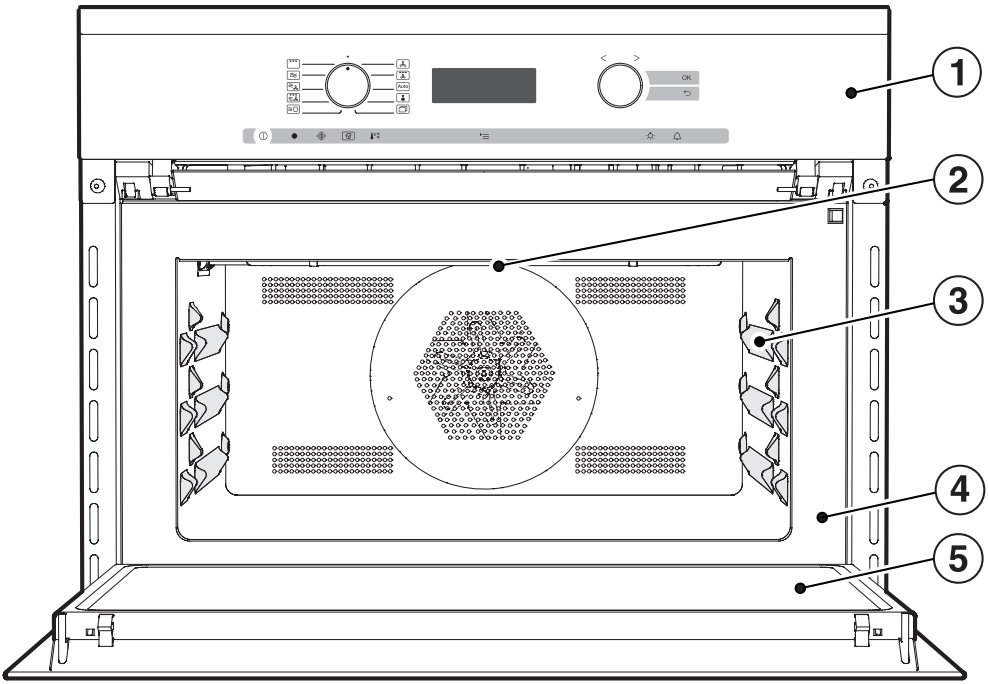
Disposing of your old appliance

Electrical and electronic appliances often contain valuable materials. They also contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection / recycling centre.

Ensure that it presents no danger to children while being stored for disposal.



① Controls

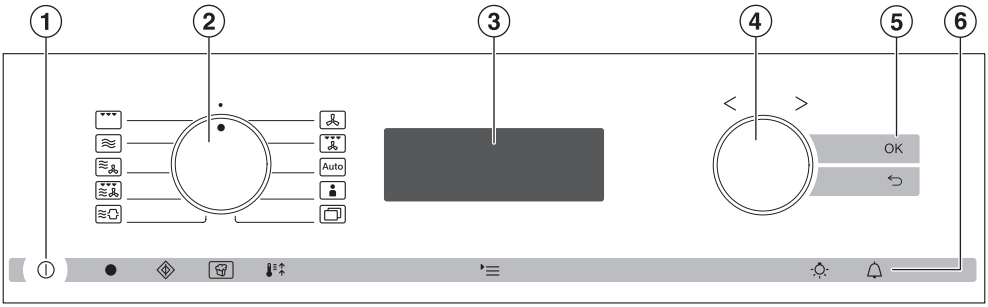
② Grill element

③ Three shelf levels for the glass tray and rack

④ Front frame with data plate

⑤ Door

Controls



① On/Off sensor ⏻

② Function selector

③ Display

④ Rotary selector < >

⑤ OK, ⮌ sensors

⑥ Sensors for ◈, ⛶, 🌡, ▸≡, ☼, 🔔

On/Off sensor ⏻

The On/Off sensor ⏻ is recessed and reacts to touch.

It is used for switching the oven on and off.

Function selector

For selecting oven functions.

It can be turned clockwise or anti-clockwise and in the ● position, can be retracted by pressing it in.

Functions

- Grill
- Microwave
- MW * + Fan plus
- MW * + Fan grill
- MW * + Auto roast
- Fan plus
- Fan grill
- Automatic programmes
- User programmes
- Further programmes
  - Defrost
  - Auto roast
  - Gentle bake
  - Drying
  - Reheat
  - Heat crockery
  - Prove dough
  - MW * + Grill
  - Pizza
  - Settings

* MW = Microwave

Rotary selector

The rotary selector < >

- is used for scrolling up or down through lists of options. Each option is highlighted as you scroll through them. The option you want must be highlighted before you can select it.
- is used for increasing values by turning it clockwise and decreasing values by turning it anti-clockwise.

It can be turned clockwise or anti-clockwise. It can be retracted in any position by pressing it in.

Sensor controls

The OK, ⮌, ◈, ⏲, ⏱↑, ☰, ☼, 🔔 sensors react to touch. Each touch is confirmed with a keypad tone.
This keypad tone can be switched off (see "Settings – Keypad tone").

Sensor	Function	Notes
OK	For calling up functions and saving settings	Functions highlighted in the display can be called up by touching OK. The selected function can then be changed. Touch OK to save the changes. If information appears in the display select OK to confirm the message.
⮌	To go back a step	
	Quick MW	The oven starts with maximum power 1000 W and a duration of 1 minute (see "Settings – Quick MW"). Touching the sensor repeatedly increases the duration in stages. The function selector must be pointing to ●.
	Popcorn	The oven starts with 850 W and a duration of 3 minutes (see "Settings – Popcorn"). The function selector must be pointing to ●.

Sensor	Function	Notes
▸≡	To call up settings	Pressing the ▸≡ sensor when the oven is switched on will bring up a list of settings. During a cooking process you can change the temperature or a cooking duration by touching this sensor. With Microwave solo and microwave combination programmes you can also use it to set the microwave power level.
☼	For switching the oven interior lighting on and off	If the time of day display is visible, the oven interior lighting can be switched on and off by touching the ☼ sensor, for example when cleaning the oven. If the display is dark, the ☼ sensor will not react until the oven is switched on. The oven interior lighting switches off after 15 seconds during a cooking process or remains constantly switched on, depending on the setting selected.
🔔	For setting the minute minder	If the time of day is visible you can enter a minute minder duration at any time, e. g. when boiling eggs on the hob. If the display is dark, the 🔔 sensor will not react until the oven is switched on.
🌡	For switching rapid heat-up on and off	The 🌡 sensor lights up in some programmes. Touching the 🌡 sensor will switch rapid heat-up on or off (see "Functions without microwave power – Rapid heat-up").

Display

The display is used for showing the time of day or information about functions, temperatures, microwave power levels, cooking durations, automatic programmes, user programmes and settings.

Information or a list of options will appear in the display depending on the function selected and/or touching the ☰ sensor.

After switching the oven on with the On/Off ⏻ sensor you will be prompted to select a function.

If the time of day is visible and you have not selected a function, a list with the following options will appear in the display when you touch the ☰ sensor:

- Language
- Time
- Date
- Lighting
- Display brightness
- Buzzer tones
- Keypad tone
- Units
- Quick MW
- Popcorn
- Keeping warm
- Cooling fan run-on
- Recommended temperatures
- Recommended power levels
- System lock
- Showroom programme
- Factory default

After selecting a function (except for Auto), a list of options for that function will appear in the display when you touch the ☰ sensor:

- Temperature
- Power level
- Duration
- Duration MW
- Ready at
- Start at (only if "Duration"/"Ready at" have been set)

■ To select an option scroll through the list with the Rotary selector < > until the option you want is highlighted.

■ Then confirm your choice with the OK sensor.

The following symbols may also appear in the display in addition to the text:

Symbol	Explanation
🔔	Minute minder
∧ ∨	If two or three options are available, arrows will appear on the right-hand side of the display. Use the rotary selector < > to scroll through the list of options. The options will be highlighted one after the other as you scroll through them.
	If more than three options are available, a bar will appear on the right-hand side of the display. Use the rotary selector < > to scroll through the list of options. The options will be highlighted one after the other as you scroll through them.
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪	The end of a list with more than three options in it is indicated by a dotted line. By scrolling down further, you reach the beginning of the list again.
	Some settings are altered using a bar chart (e. g. display brightness, volume and degree of browning).
✓	A tick indicates the option which is currently selected.
i	This symbol indicates that there is additional information and advice about using the oven. Select OK to access the information.
🔒	The system lock is on (see "Settings - System lock 🔒"). The oven cannot be used.

Model numbers

A list of the ovens described in these operating instructions can be found on the back page.

Data plate

The data plate is located on the front frame, visible when the door is open.

The data plate states the model number of your oven, the serial number as well as connection data (voltage, frequency and maximum connected load).

Please have this information to hand, should you need to contact Miele regarding any questions or problems.

Items supplied

The oven is supplied with:

– the operating and installation instructions for using the oven,

– a cookbook or order voucher for a cookbook depending on country,

– screws for securing your oven in the housing unit,

– various accessories.

Accessories supplied and available to order

This oven is supplied with a glass tray, rack and a boiling rod.

All the accessories as well as the cleaning and care products listed here are designed for Miele appliances.

These can be ordered via the internet at www.miele-shop.com, from Miele (see end of this booklet for contact details) or from your Miele dealer.

When ordering, please quote the model number of your oven and the reference number of the accessories required.

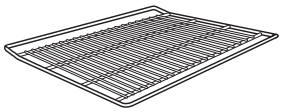
Glass tray

The glass tray is suitable for use with all cooking functions.

Always use the glass tray when using the Microwave (Solo) function ≋.

Do not place items weighing more than 8 kg on it.
Do not place the hot glass tray on a cold surface, such as a tiled or granite worktop. The glass tray could get damaged. Use a suitable heat-resistant mat or pot rest.

Rack with non-tip safety notches



The rack is suitable for use with functions without microwave and for Microwave combination programmes. It is **not** suitable for use with Microwave solo ≋.

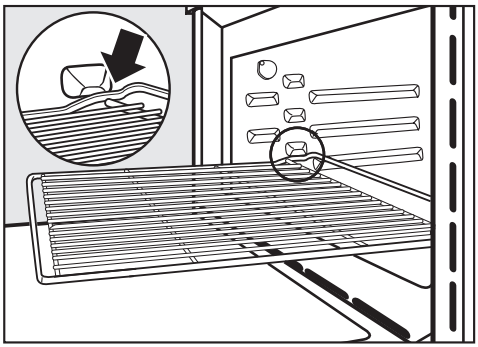
Danger of burning. The rack gets hot when used with combination programmes which use the microwave function.
Wear oven gloves when placing food in a hot oven and when taking it out.

Do not place the rack directly on the floor of the oven and do not use it with Microwave solo.
This could cause arcing which could damage the oven.

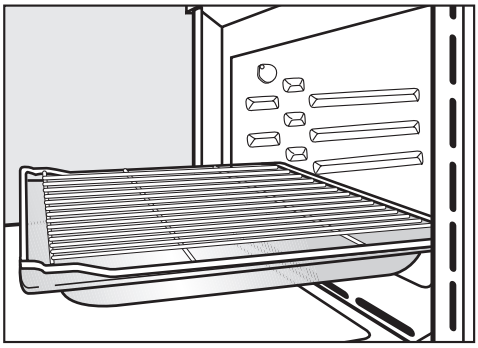
Do not place items weighing more than 8 kg on the rack.

The rack has non-tip safety notches which prevent it being pulled right out when it only needs to be pulled out partially.

When pushing the rack back in, always ensure that the safety notches are at the **back** of the oven (see illustration).



- To remove the rack, lift it upwards slightly at the front when the safety notches connect with the sides of the oven.



- We recommend using the rack together with the glass tray when cooking items on the rack which might drip.

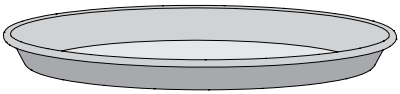
Boiling rod

The boiling rod helps liquids to heat evenly.

- When reheating liquids, place the boiling rod supplied into the cup or glass.

Round baking tray HBF 27-1

Do not use the round baking tray with Microwave solo or with Microwave combination programmes.



The round baking tray is suitable for cooking pizza, shallow cakes made with yeast or whisked mixtures, sweet and savoury tarts, baked desserts, flat bread, and can also be used for frozen cakes and pizzas.

Place the round baking tray on the rack.

The enamelled surface has been treated with PerfectClean.

HUB oven dishes and HBD oven dish lids

Do not use the gourmet oven dish with Microwave solo or with Microwave combination programmes.

Miele gourmet oven dishes can be placed on the rack on shelf level 1. They have an non-stick coating.

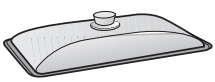
The Miele oven dishes are either 22 cm or 35 cm deep. The width and height are the same.

Lids are also available. These are ordered separately.

Depth: 22 cm

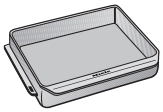
HUB61-22
HUB62-22*

HBD 60-22

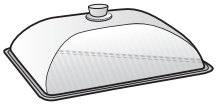


Depth: 35 cm

HUB61-35**



HBD 60-35



* suitable for use on induction hobs

** Oven dish HUB61-35 cannot be used in conjunction with its lid because the total height of these two items exceeds the height of the cavity.

Miele microfibre cloth

Light soiling and fingerprints can be easily removed with the microfibre cloth.

Miele oven cleaner

Miele oven cleaner is suitable for removing very stubborn soiling. It is not necessary to pre-heat the oven beforehand.

Oven controls

In addition to operating the various cooking functions for baking, roasting and grilling, the oven controls are also used to operate

- the time of day display,
- a minute minder,
- a timer to automatically switch cooking programmes on and off,
- Automatic programmes,
- create User programmes,
- settings that can be customised.

Safety features

System lock

The system lock prevents the oven from being used unintentionally (see "Settings - System lock").

The system lock will remain activated even after an interruption to the power supply.

Cooling fan

The cooling fan will come on automatically when a cooking programme is started. The cooling fan mixes hot air from the oven cavity with cool room air before venting it out into the kitchen through vents located between the appliance door and the control panel.

The cooling fan will continue to run for a while after a cooking process to prevent moisture building up in the oven, on the control panel or on the oven housing unit. It will switch itself off automatically after a while.

Safety switch-off

A function **without microwave** can be started without selecting a cooking duration. To prevent over-use and the consequent danger of fire, the oven will switch itself off automatically after a certain length of time. This can be between 1 hour and 12 hours depending on the function and temperature chosen.

If a **combination programme** is followed in quick succession by another programme using microwave power, the magnetron (which produces the microwaves) cannot be switched on again until approx. 10 seconds have elapsed. Therefore wait a short while before starting the second process.

PerfectClean treated surfaces

PerfectClean surfaces have very good non-stick properties and are much easier to keep clean than conventional enamel surfaces, if cleaned regularly.

Food can be taken off these surfaces easily, and soiling from baking and roasting is simple to remove.

Food can be sliced or cut up on PerfectClean surfaces.

However, do not use ceramic knives as these will scratch the PerfectClean surface.

Surfaces treated with PerfectClean enamel can be cleaned as you would clean glass.

Read the instructions in "Cleaning and care" so that the benefits of the non-stick properties and easy cleaning are retained.

The oven compartment and the rack have a PerfectClean finish.

Basic settings

⚠ The oven must not be operated until it has been correctly installed in its housing unit.

The oven will switch on automatically when it is connected to the electricity supply.

Welcome screen

The greeting "Miele Willkommen" will appear in the display, and you will then be requested to select some basic settings which are needed before the appliance can be used.

- Follow the instructions in the display.

Set the language

First select the language you want:

- Scroll through the list until the language you want is highlighted.
- Touch the OK sensor.

Select the country

- Scroll through the list until the country you want is highlighted.
- Touch the OK sensor.

Set the date

- Then select the date.
- Touch the OK sensor.

Set the time (of day)

Now set the time of day using the 24 hour clock.

- Set the hours and the minutes.
- Touch the OK sensor.

The time of day can be displayed in 12 hour format (see "Settings - Time - Clock format").

Time of day display

You will then be asked when you want the time of day to show in the display when the oven is switched off (see "Settings - Time - Display"):

– On
The time always shows in the display.

– Off
The display appears dark to save energy. Some functions are limited.

– Night dimming
The time only shows in the display between 5:00 and 23:00. It switches off at night to save energy.

■ Scroll through the list until the option you want is highlighted.

■ Touch the OK sensor.

Some information about energy consumption will appear in the display.

■ Touch the OK sensor.

The message "Set up successfully completed" will appear in the display.

■ Touch the OK sensor.

The oven is now ready to use.

If you have selected the wrong language by mistake proceed as described in "Settings - Language ⚑".

Heating up the oven for the first time

New ovens can give off an unpleasant smell on first use. Heating up the oven for at least 1 hour with nothing in it will get rid of this smell.

Ensure that the kitchen is well ventilated during this operation. Close doors to other rooms to prevent the smell spreading throughout the house.

- Remove any stickers or protective foil from the oven and accessories.
- Take the accessories out of the oven and clean them (see "Cleaning and care").
- Before heating the oven up, wipe the interior with a damp cloth to remove any dust or bits of packaging that may have accumulated in the oven compartment during storage and unpacking.
- Switch the oven on.
- Select Fan plus.

The recommended temperature of 160 °C will appear highlighted.

This temperature will be automatically accepted within a few seconds. Touch ⮌, to go back to the temperature selection option.

- Set the maximum possible temperature (250 °C).
- Touch the OK sensor.

The oven heating will switch on.

Heat the empty oven for at least an hour.

After at least an hour:

- Turn the function selector to ●.
- Switch the oven off.

After heating up for the first time

⚠ Danger of burning. Allow the oven interior to cool down before cleaning by hand.

- Switch the oven on.
- Clean the oven interior with a clean sponge and a solution of hot water and washing-up liquid or a damp microfibre cloth.
- Dry all surfaces with a soft cloth.
- Switch the oven off.

Leave the oven door open until the oven interior is completely dry.

Settings

Settings overview

Settings cannot be altered while a cooking programme is in progress.

Factory default settings are shown in **bold** in the chart.

Setting	Options	
Language	[...]	...
	deutsch	... / Deutschland / Luxemburg / ...
	english	... / Australia / United Kingdom / ...
	[...]	...
Time	Display	On / **Off** / Night dimming
	Clock format	**24 h** / 12 h
	Set	Set the time of day
Date	Set the date	
Lighting	On **"On" for 15 seconds**	
Display brightness	Darker ■■■■□□□ Brighter	
Buzzer tones	You can set different buzzer tones, change them or switch them off.	
	Melody	Quieter ■■■■■■■ Louder
	Solo tone	Lower ■■■■■■■□□□□□□ Higher
Keypad tone	The volume for the keypad tone can be set, or switched off altogether. Quieter ■■■■■■■ Louder	
Units	Weight	**g**
		lb/oz
	Temperature	**°C**
		°F

Setting	Options	
Quick MW	Power level	1000 W
	Duration	1:00 min
Popcorn	Duration	3:00 min
Keeping warm	On **Off**	
Cooling fan run-on	**Temp. controlled** Time controlled	
Recommended temperatures	Recommended temperatures can be altered within the range specified.	
Recommended power levels	The recommended power levels can be changed for Microwave solo and for Microwave combination programmes.	
System lock	On **Off**	
Showroom programme	Demo mode	On **Off**
Factory default	Settings	Reset / Do not reset
	User programmes	Delete / Do not delete
	Recommended power levels	Reset / Do not reset
	Recommended temperatures	Reset / Do not reset

Calling up the Settings menu

- Switch the oven on.
- Touch ‣≡.

A list of settings will appear in the display.

You can check them or change them.

A tick ✓ next to an option shows which setting is active.

Touch ⮌ or ‣≡ to return to the menu for selecting a function.

To change and save settings

- Switch the oven on.
- Touch ‣≡.
- Scroll through the list until the setting you want is highlighted.
- Touch the OK sensor.
- Change the setting.
- Touch the OK sensor.
- Touch ⮌ or ‣≡.

Language ⚑

You can set the language and the country you want.

After selecting and confirming your choice, the language you have selected will appear in the display.

Tip: If you have selected the wrong language by mistake, you can follow the flag symbol ⚑, to get back to the "Language ⚑" menu.

Time

Display

Select how you want the time of day to show in the display when the oven is switched off:

– On
The time always shows in the display.

– Off
The display is switched off to save energy. The oven has be to be switched on before you can use it. This also applies to using the following functions: Quick MW, Popcorn, the Oven lighting and the Minute minder.

– Night dimming
To save energy the time is only shown in the display between 5:00 and 23:00. The rest of the time it is not visible.

Clock format

You can select whether the time shows as a 24 h or 12 h clock.

– 24 h
The time of day is shown in 24 hour clock format.

– 12 h
The time of day is shown in 12 hour clock format.

Set

Set the hours and the minutes.

If there is a power cut, the current time of day will reappear once power has been restored. The time is stored in memory for about 200 hours.

Date

Set the date.

Lighting

– On
The interior lighting is switched on during the entire cooking period.

– "On" for 15 seconds
The oven lighting switches off 15 seconds after a programme starts.
Pressing switches it on for another 15 seconds.

Display brightness

The brightness is represented by a bar with seven segments.

Turn the rotary selector clockwise > to make the display brighter, or anti-clockwise < to make it darker.

Buzzer tones

Melody

At the end of a process, a melody will sound several times in intervals.

The volume of the melody is represented by a bar with seven segments.

Turn the rotary selector clockwise > to increase the volume, or anti-clockwise < to decrease it.

Maximum volume is selected when all segments are filled.
If none of the segments are filled the volume is switched off.

Solo tone

At the end of a process, a continuous tone will sound for period of time.

The pitch of this tone is represented by a segment bar.

Turn the rotary selctor clockwise > or anti-clockwise < to alter the pitch.

Keypad tone

An audible tone is heard each time a sensor is touched.

The volume of the keypad tone is represented by a bar with seven segments.

Turn the rotary selector clockwise > to increase the volume, or anti-clockwise < to decrease it.

Maximum volume is selected when all segments are filled.
If none of the segments are filled the volume is switched off.

Units

Weight

– g
Weight in Automatic programmes is set using grammes.

– lb/oz
Weight in Automatic programmes is set using pounds and ounces.

Temperature

– °C
The temperature is displayed in degrees Celsius.

– °F
The temperature is displayed in degrees Fahrenheit.

Quick MW

The maximum pre-set power level is 1000 W and the maximum duration is 1minute.

– Power level
The following power levels can be selected: 80 W, 150 W, 300 W, 450 W, 600 W, 850 W or 1000 W.

– Duration
The maximum duration that can be set depends on the power level selected.
80–300 W: maximum 10 minutes
450–1000 W: maximum 5 minutes.

Popcorn

The power level is pre-set at 850 W and the duration at 3 minutes. This is suitable for most brands of microwave popcorn.

This duration can be altered if necessary. The power level cannot be changed.

– Duration
The maximum duration that can be set is 4 minutes.

Keeping warm

– On
The warming function is activated as standard with Microwave solo, if a power level of min. 450 W and the cooking duration of min. 10 minutes is selected.
If food is not removed from the oven at the end of a programme, the warming function will automatically start after approx. 5 minutes.
"Keeping warm" will appear in the display and the food will be kept warm for approx. 15 minutes using a power level of 150 W.

– Off
The keeping warm function has been deactivated.

Cooling fan run-on

The cooling fan will continue to run for a while after the oven has been switched off to prevent any humidity building up in the oven, on the control panel or in the oven housing unit.

– Temp. controlled
The cooling fan switches off when the temperature in the oven drops below 70° C.

– Time controlled
The cooling fan switches off after a period of about 25 minutes.

Do not leave food in the oven to keep it warm if you have set the cooling fan to timed controlled operation.
Moisture levels in the oven could increase, leading to condensation forming on the control panel and surrounding kitchen furniture and drops of moisture collecting under the worktop.
Condensate can damage the oven housing unit, damage the worktop and lead to corrosion in the oven.

Recommended temperatures

If you cook with different temperatures a lot it makes sense to change the recommended temperature.

After selecting this option a list of functions will appear in the display.

Select the function you want. The recommended temperature will be highlighted together with the range within which it can be changed.

Turn the rotary selector clockwise > to increase the recommended temperature, or anti-clockwise < to decrease it.

Recommended power levels

If you cook with different temperatures a lot it makes sense to change the recommended power level.

The recommended power levels can be changed for Microwave solo and for Microwave combination programmes.

After selecting this option a list of functions will appear in the display together with their recommended power levels.

– Microwave solo:
  80 W, 150 W, 300 W, 450 W, 600 W, 850 W, 1000 W
– Microwave combination programmes:
  80 W, 150 W, 300 W

System lock

The system lock prevents the oven being switched on by mistake.

The system lock will remain activated even after an interruption to the power supply.

Select "On" to activate the system lock

– On
The system lock is now active. If you want to use the oven press the OK sensor for at least 6 seconds.

The minute minder can still be used when the system lock is active.

– Off
The system lock is not active. You can use the oven as normal.

Showroom programme

This function enables the oven to be demonstrated in showrooms without heating up. It should not be set for domestic use.

Demo mode

– On
Touch the OK sensor for at least 4 seconds to activate demo mode.

If activated, the message "Demo mode active. The appliance will not heat up" will appear in the display when the oven is switched on.

– Off
Touch the OK sensor for at least 4 seconds to deactivate demo mode. The oven can then be used as normal.

Factory default

– Settings
Any settings that you have altered will be reset to the factory default setting.

– User programmes
All user programmes will be deleted.

– Recommended power levels
Recommended temperatures which have been changed will be reset to the factory default settings.

– Recommended temperatures
Recommended temperatures which have been changed will be reset to the factory default settings.

Using the minute minder

The minute minder can be used to time other activities in the kitchen, e.g. boiling eggs.

The minute minder can also be used at the same time as a cooking programme in which the start and finish times have been set, e.g. as a reminder to stir a dish or add seasoning etc.

A maximum minute minder time of 9 hours, 59 minutes and 59 seconds can be set.

To set the minute minder

Example:
You want to boil some eggs and set a minute minder time of 6 minutes and 20 seconds.

> If you want to use the minute minder and "Time – Display – Off" has been set, you will need to switch the oven on before you can set the minute minder. The minute minder can then be seen counting down in the display when the oven is switched off.

- Touch .

"0:00:00" will appear (h : min : sec) highlighted.

- Use the rotary selector < > to enter "0:06:20".
- Touch the OK sensor.

The minute minder time is now saved.

The time counts down in the display when the oven is switched off.

If a cooking programme is being run at the same time the minute minder time will appear in the bottom of the display.

At the end of the minute minder time

– will flash,

– the display will show the time counting upwards,

– a buzzer will sound if the buzzer volume has been set (see "Settings - Buzzer tones").

■ Touch .

The buzzer will stop and the symbols in the display will go out.

To change the time set for the minute minder

■ Touch .

"Minute minder" will appear and "Change" will be highlighted.

■ Touch the OK sensor.

The minute minder time selected appears.

■ Change the time set for the minute minder.

■ Touch the OK sensor.

The altered minute minder time is now saved.

To cancel the time set for the minute minder

■ Touch .

"Minute minder" will appear and "Change" will be highlighted.

■ Scroll through the list until "Delete" is highlighted.

■ Touch the OK sensor.

The minute minder is now cancelled.

Your oven has a range of oven functions for preparing food.

Some functions are selected directly from the control panel.
Others only appear after selecting .

Functions which do not use microwave energy

Grill

For grilling larger quantities of thin cuts (e.g. steaks) and browning baked dishes.

Fan plus

This function is used for baking and roasting on different levels at the same time.
A lower temperature can be selected than when using other functions, because the fan distributes the heat to the food straight away.

Fan grill

For grilling thicker cuts of meat (e. g. roulades, chicken). Lower temperatures can be used than when using the Grill function, as the fan distributes the heat to the food straight away.

Auto roast

(go to Further programmes to select this function)

This is used for roasting.
The oven heats initially to a high temperature (230 °C) which seals the meat to keep it succulent and tasty.
As soon as this temperature has been reached, the oven temperature automatically drops back down to the pre-selected temperature for continued roasting.

Gentle bake

(go to Further programmes to select this function)

Ideal for cooking bakes and gratins that need to be crispy on top.

Microwave solo

This function is used to rapidly defrost, reheat and cook food

Microwave combination programmes

With Microwave combination programmes the heating element and the magnetron switch on and off alternating one after the other. The heating element browns the food and the magnetron helps it cook quickly.

A maximum microwave power level of 300 W can be used with Microwave combination programmes.

MW + Fan plus

For rapid reheating and cooking of food, browning it at the same time. This combination programme saves the most time and energy.

When baking do not set the microwave power higher than 150 W.

MW + Grill

(go to Further programmes to select this function)

For grilling larger quantities of thin cuts (e.g. steaks) and browning baked dishes.

The grilling time is shorter.

MW + Fan grill

For grilling larger items, e.g. rolled meat, poultry.

The grilling time is shorter.

MW + Auto roast

This is used for roasting at a high temperature and continued cooking at a lower temperature.
During the searing phase the oven heats up to a high temperature (230°C) to seal the meat and keep it succulent and tasty. As soon as this temperature has been reached, the oven temperature automatically drops back down to the pre-selected temperature for continued roasting.

Microwave power

How it works

In a microwave combination oven there is a high-frequency tube called a magnetron. This converts electrical energy into microwaves. These microwaves are distributed evenly throughout the oven interior, and rebound off the metal sides of the oven interior to reach the food from all sides.

In order for microwaves to reach the food, they must be able to penetrate the cooking utensil being used. Microwaves can penetrate porcelain, glass, cardboard and plastics, but not metal. Do not, therefore, use utensils made of metal, or which contain metal, for example in the form of gold or silver trim. The metal reflects the microwaves and this could cause sparking. The microwaves cannot be absorbed.

Microwaves pass through a suitable container and find their way directly into the food. All food contains moisture molecules which, when subjected to microwave energy, start to oscillate 2.5 thousand million times a second. The friction caused by this vibration creates heat, which first starts developing around the outside of the food and then slowly penetrates towards the centre. The moisture, fat and sugar content of food will affect the speed at which it is cooked. The more water a food contains, the quicker it is to reheat or cook.

As heat is produced directly in the food,

– food can generally be cooked without adding much liquid or cooking oil.

– cooking, reheating and defrosting is quicker than using conventional methods.

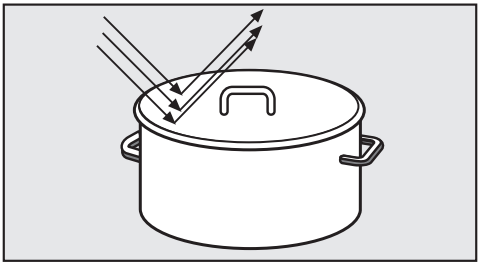
– nutrients, such as vitamins and minerals, are generally retained.

– the colour, texture and taste of food are not impaired.

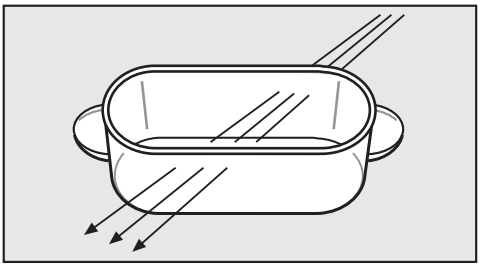
Microwaves stop being produced as soon as the cooking process is interrupted or the appliance door is opened.
When the appliance is in operation, the closed, sealed door prevents microwaves escaping from the appliance.

Power levels

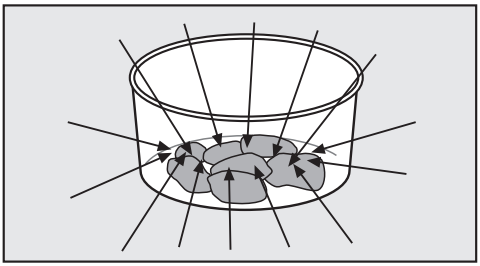
The following power levels can be selected:
80 W, 150 W, 300 W, 450 W, 600 W, 850 W, 1000 W



Microwaves are reflected by metal,



pass through glass, porcelain, plastic and card,



and are absorbed by food.

Fire hazard. Non-microwave safe dishes can suffer damage or damage the oven if used with Microwave solo or Microwave combination programmes.

The material and shape of the containers used affect cooking results and times.
Heat distribution is more even in round and oval shaped flat containers than in rectangular containers, providing better results.

Suitable containers for microwave use

Glassware

Heat-resistant glass or ceramic glass are ideal for use with microwave power.

Exception: Do not use crystal glass as it contains lead which can crack or shatter in a microwave oven.

Porcelain

Porcelain is a suitable material.

Exception: Do not use porcelain with gold or silver edging or items with hollow knobs or handles, as insufficient ventilation may cause a build-up of pressure.

Suitable containers for microwave use

Earthenware

Decorated earthenware is only suitable if the decoration is beneath an all-over glaze.

Danger of burning. Wear oven gloves when removing earthenware dishes from the oven.

Plastics

Plastic containers and plastic disposable containers may only be used for Microwave solo ≋ if they have been declared as suitable for microwave use by the manufacturer. To protect the environment it is best to avoid using single-use containers.

Do not leave the oven unattended when reheating or cooking food in disposable containers made of plastic, paper or other inflammable materials.

Plastic containers must only be used with Microwave solo ≋. They must not be used with Microwave combination programmes. They must be heat-resistant to a minimum of 110 °C.
Otherwise the plastic may melt and fuse with the food.

– Plastic microwave containers

These are readily available from retail outlets.

– Styrofoam containers

Styrofoam containers can be used for short, timed warming and reheating of food.

– Plastic "Boil-in-the-bag" bags

Plastic boiling bags can be used for cooking and reheating. They should be pierced beforehand so that steam can escape.
This prevents a build-up of pressure and reduces the risk of the bag bursting.There are also special steaming bags available which do not need to be pierced. Please follow instructions given on the packet.

– Roasting bags and tubes

Please follow the manufacturer's instructions when using roasting bags and tubes.

⚠ Do not use metal clips, plastic clips containing metal parts, or paper ties containing wire. There is a danger that they will ignite when heated.

– Melamine containers

Melamine is not suitable for use in this oven. Melamine absorbs microwave energy and gets hot. When purchasing plasticware, make sure that it is suitable for use in a microwave oven.

Unsuitable

⚠ Dishes with hollow knobs or handles are not suitable for use with microwave power. Moisture which has gathered in the hollow recesses can cause pressure to build up and the item can explode. If the hollow recess is sufficiently ventilated, the item could be used. However, we recommend that you do not use such dishes in the microwave oven.

Metal

Metal reflects microwaves and obstructs the cooking process.

- Do not use metal containers, aluminium, foil, metal cutlery and china with metallic decoration such as gold rims or cobalt blue with Microwave combination programmes.

Do not use containers where the foil lid has not been completely removed as small pieces of foil can cause sparking.

Exceptions:

The rack supplied with the oven is suitable for use with all functions that do not use microwave power and with Microwave combination programmes.
The rack should be used on shelf level 1. Do not place it on the oven floor.

– Metal bakeware can be used with microwave combination programmes.

– Ready-meals in aluminium foil trays can be defrosted and reheated using microwave power as long as the lid is removed.

When using foil trays there is a risk of arcing or sparks occurring in the oven. For this reason place the foil tray on the glass tray and not on the rack.

The foil tray must be at least 2 cm away from the oven walls. It must not touch them.

However, as food is only heated from the top it is better to remove the food from the aluminium foil container and transfer it to a dish suitable for use in a microwave oven. The heat distribution will be more even.

– For even defrosting and to avoid overcooking unevenly shaped cuts of meat, poultry or fish, small pieces of aluminium foil may be used to mask wingtips or other thin parts for the last few minutes of the programme.

Make sure that the aluminium foil is at least 2 cm from the oven walls at all times. It must not touch the walls.

– Metal meat skewers or clamps should only be used if they are very small in comparison to the size of the cut of meat.

Glazes and colours

Some glazes and colours contain metal and are therefore unsuitable for microwave functions.

Wood

Wooden dishes are not suitable. Moisture contained in the wood evaporates when exposed to microwave energy, causing the wood to dry and crack.

Testing dishes for their suitability

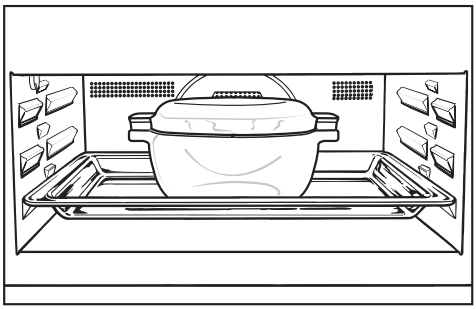
If in doubt as to whether glass, earthenware or porcelain plates or dishes are suitable for use with microwave energy, a simple test can be performed:

- Place the container in the middle of the glass tray and slide the tray into shelf level 1.
- Close the door.
- Select Microwave solo.
- Set the highest power level (1000 W) and a duration of 30 seconds.
- Start the programme.

At the end of the test, the water in the glass should be hot and the dish cool. If the dish is hot, it would be unwise to use the dish.
If a cracking noise is heard accompanied by sparks during the test, switch the appliance off immediately. Any crockery which causes this reaction is unsuitable for use with microwave power.
If any doubt exists about the suitability of a container, please contact the supplier.

This test cannot be used to check whether items with hollow knobs or handles are suitable for use with microwave power.

Placing the dish in the oven



- Insert the glass tray on shelf level 1.
- The dish containing the food should always be placed in the middle of the glass tray.

Placing the food directly on the floor of the oven would give unsatisfactory and uneven results as the microwaves would not be able to reach the food from below.

Cover

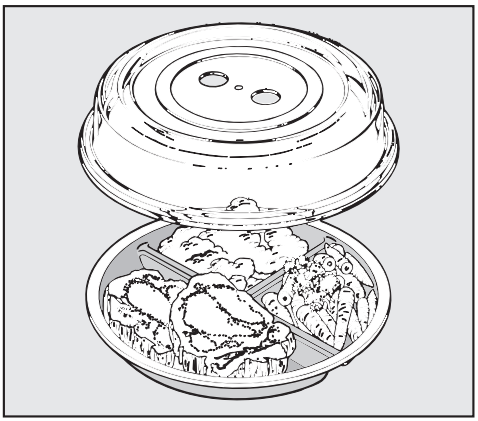
A cover:

– prevents too much steam escaping, especially when cooking foods which need longer to cook, such as potatoes.

– speeds up the cooking process.

– prevents food from drying out.

– helps keep the oven interior clean.



- When using Microwave solo ≋ always cover the food with a lid or cover made of microwave safe glass or plastic.

These are available from retail outlets.

Alternatively, use a clingfilm recommended for use in a microwave oven (pierce as instructed by the manufacturer). Heat can cause normal clingfilm to distort and fuse with the food.

Suitable containers for microwave use

⚠ The cover can only withstand temperatures up to 110 °C.
Higher temperatures (e. g. those used for grilling and Fan plus) can cause the plastic to distort and fuse with the food.
The cover should only be used with Microwave solo ≋.

The cover should not form a seal with the container. If the cover is used with a container which only has a narrow diameter, there might not be enough room for condensation to escape through the holes in the top. The cover could get too hot and could start to melt.

Do **not** use a cover if:

– cooking breaded food,

– cooking food which requires a crisp finish,

– cooking food with a Microwave combination programme.

⚠ Do not cook or reheat food or liquids in sealed containers, jars or bottles. With baby bottles, the screw top and teat must be removed. Otherwise pressure builds up which can cause the bottle or container to explode, posing a severe risk of injury.

– Remove any accessories from the oven that you do not require for cooking.
– Pre-heat the oven only if instructed to do so in the recipe or the cooking chart.
– If possible, do not open the door during a programme.
If the door is opened during a programme that is not using microwave power, the heat in the oven automatically switches off. The fans continue to operate. As soon as the door is closed again, the programme will continue.
– In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest given time.
– Use Fan plus as you can cook at temperatures 10–30 °C lower than when using other functions.
– Fan grill can be used for a wide variety of food. With Fan grill you can use lower temperatures than with other grill functions which use the maximum temperature setting.
– Your oven will use as little energy as possible if you set the time of day display to "Time - Display - Off".
– In the factory default setting of "Lighting – On for 15 seconds" the oven lighting will switch off automatically after 15 seconds if a programme is running. Touch at any time to switch the light back on.

Using residual heat

The oven heating will switch off automatically shortly before the end of a cooking process for which an automatic switch-off time has been set or which is using the food probe.

Cooking continues using residual heat. The heat in the oven is sufficient to complete the cooking process.

Energy save mode

The oven will switch itself off automatically to save energy if no other action is taken within a certain time frame after switching it on or after the end of a cooking programme.

The time when this happens will depend on the selected settings (function, temperature and duration).

The time of day will be displayed or the display will remain dark (see "Settings - Time - Display").

Simple operation

- Switch the oven on.
- Place the food in the oven.
- Select the function you want.

Function, recommended temperature and temperature range will appear.

The oven heating, lighting and cooling fan will switch on.

- Change the recommended temperature if necessary.

Otherwise the recommended temperature will be accepted within a few seconds.

- Touch the OK sensor.

The required and the actual temperature will appear.

You will see the temperature increasing.
A buzzer will sound when the selected temperature is first reached. See "Settings - Buzzer tones".

After cooking:

- Take the food out of the oven.
- Turn the function selector to ●.
- Switch the oven off.

Cooling fan

The cooling fan will continue to run for a while after a cooking process to prevent moisture building up in the oven, on the control panel or on the oven housing unit.

The cooling fan will switch off automatically when the temperature in the oven interior has fallen sufficiently.

You can change this default setting if you wish (see "Settings - Cooling fan run-on").

Using the oven - further functions

You have placed the food in the oven, selected a function and set the temperature.

■ Touch ▸≡.

Further options will appear in the display which you can select or change for your programme:

– Temperature

– Duration

– Ready at

– Start at
(This will appear after a "Duration" or "Ready at" time has been set).

Changing the function

You can change the cooking function during operation.

■ Select the function you want.

The new function will appear in the display together with its recommended temperature.

■ Set a different temperature if necessary.

■ Touch the OK sensor.

Changing the temperature

As soon as a cooking function is selected, a recommended temperature will appear in the display together with its possible range.

The following recommended temperatures are set at the factory:

Grill . . . . . Level 3 (Levels 1–3)
Fan plus . . . . . 160 °C (30–250 °C)
Fan grill . . . . . 200 °C (100–220 °C)

- If the recommended temperature is suitable for your recipe, touch the OK sensor.
- If it is not suitable for your recipe, you can change it for this particular cooking programme.

You can also permanently reset the recommended temperature to suit your personal cooking practices. See "Settings - Recommended temperatures".

Example:
You have selected Fan plus and 170 °C and can see the temperature increasing.

You want to reduce the target temperature to 155 °C.

- Touch .

The required temperature is highlighted.

- Touch the OK sensor.
- Set the temperature.

The temperature changes in 5° C steps.

- Touch the OK sensor.

The altered required temperature is saved.

- Touch , if you want to see the actual temperature and see it increasing in the display.

The altered required temperature appears.

Rapid heat-up

Rapid heat-up can be used to speed up the heating up phase.

Rapid heat-up switches on automatically if you set the temperature above 100 °C for Fan plus or Auto roast.

The sensor lights up.

Rapid heat-up should be switched off when cooking pizza and delicate items (e. g. sponge or biscuits). These will get brown too quickly on the top.

Touch the sensor during the heating-up phase to switch Rapid heat-up on or off:

- Touch the illuminated sensor.

"Heating-up" will appear in the display instead of "Rapid heat-up" and the keypad illumination will go out.

Whilst "Heating-up" is visible in the display, touching the non-illuminated sensor will switch "Rapid heat-up" on again.

Pre-heating the oven

It is only necessary to pre-heat the oven in a few instances.

Most dishes can be placed in a cold oven. They will then make use of the heat produced during the heating-up phase.

Pre-heat the oven when using:

Fan plus

– dark bread dough,

– beef sirloin joints and fillet.

- Select the required oven function and the temperature.
- Rapid heat-up should be switched off when baking pizza, biscuits and small cakes.
- Wait for heating-up to finish.

A buzzer will sound when the set temperature is reached as long as the buzzer is set (see "Settings - Buzzer tones").

Place the food in the oven.

Setting the duration

You have placed the food in the oven, selected a function and set the temperature.

You can set the programme to switch on or on and off automatically by setting "Duration", "Ready at" or "Start at".

– Duration
  Enter the cooking duration you require.
  Once the duration set has elapsed, the heating will switch off automatically.
  The maximum duration which can be set is 12:00 hours.

– Ready at
  Set the time you want cooking to finish at. The oven will switch off automatically at the time you have set.

– Start at
  This option will only appear if you have set a "Duration" or "Ready at" time.
  With "Start at" you have specify when you want the programme to start.
  The oven will start heating up at that time.

Switching off automatically

Example:
It is 11:45. Your food needs 30 minutes to cook and should be ready at 12:15 .

Select "Duration" and set the time to 00:30 h or select "Ready at" and set the time to 12:15.

The oven will switch off automatically when this time has elapsed.

Set the "Duration"

- Touch ▸≡.
- Scroll through the list until "Duration" is highlighted .
- Touch the OK sensor.
- Enter the cooking duration you require.
- Touch the OK sensor.

Set "Ready at"

- Touch ▸≡.
- Scroll through the list until "Ready at" is highlighted.
- Touch the OK sensor.
- Enter the time you want cooking to stop.
- Touch the OK sensor.

Switching on and off automatically

We recommend using automatic switching on and off when roasting. For baking do not delay the start for too long as the cake mixture or dough will dry out, and the raising agents will lose their effectiveness.

To **switch a cooking programme on and off automatically** you have a choice of how to enter the time parameters:

– "Duration" and "Ready at"

– "Duration" and "Start at"

– "Ready at" and "Start at"

Example:
It is 11:30. Your food needs 30 minutes to cook and should be ready at 12:30.

- Select "Duration" and set a time of 00:30 h.
- Select "Ready at" and set the time to 12:30 h.

The "Start at" time will be calculated automatically. "Start at 12:00" will appear in the display.

The oven will switch on automatically when this time is reached.

Sequence of a programme that switches on and off automatically

Up until the start time the function, the selected temperature, "Start at" and the start time will appear in the display.

After the programme has started you can follow the heating-up phase in the display until the required temperature has been reached.

Once this temperature is reached a buzzer will sound, if this option has been switched on (see "Settings - Buzzer tones").

After the heating-up phase the time remaining will appear in the display.

You can follow the time counting down in the display. The last minute counts down in seconds.

At the end of the programme a buzzer will sound, if this option has been switched on (see "Settings - Buzzer tones").

The oven heating and lighting will switch off. "Process finished" will appear in the display and "Save" will be highlighted.

This gives you the option of saving the programme as a User programme (see "User programmes").

During the cooling down phase the cooling fan will continue to run for a while.

Changing the set time

■ Touch ‣≡.

All options that can be changed will appear.

■ Scroll through the list until the setting you want is highlighted.

■ Touch the OK sensor.

"Change" will be highlighted.

■ Touch the OK sensor.

■ Change the set time

■ Touch the OK sensor.

These settings will all be deleted in the event of a power cut.

Cancelling cooking

■ Turn the function selector to ●.

The oven heating and lighting will switch off, and any set durations will be deleted.

Simple operation

- Switch the oven on.
- Place the food in the oven.
- Select Microwave solo.

The function, recommended power level and the power level range will appear in the display.

The oven lighting will come on.

- Change the recommended temperature if necessary.
- Touch the OK sensor.
- Set the cooking duration.

> The maximum duration that can be set depends on the power level selected.

- Touch the OK sensor.

The power level and the duration will appear in the display with "Start" highlighted.

- Touch the OK sensor.

The magnetron, lighting and cooling fan will come on and the cooking programme will start.

The time remaining will then appear in the display. To interrupt cooking at any time touch the OK sensor.

At the end of the cooking duration

– "Process finished" will appear in the display,

– the cooling fan will continue to run for a while,

– a buzzer will sound if the buzzer volume has been set (see "Settings - Buzzer tones").

> If the food is not cooked to your satisfaction you can prolong the cooking duration by entering a new duration.

This gives you the option of saving the programme as a User programme (see "User programmes").

- Take the food out of the oven.
- Turn the function selector to ●.
- Switch the oven off.

Cooling fan

The cooling fan will continue to run for a while after a cooking process to prevent moisture building up in the oven, on the control panel or on the oven housing unit.

The cooling fan will switch off after a set time.

Using the oven - further functions

You have placed the food in the oven, selected a power level and set the duration.

■ Touch ▸≡.

Further options will appear in the display which you can select or change for your programme:

– Ready at

– Start at

Changing the power level

■ Touch ▸≡.

The power level is highlighted.

■ Touch the OK sensor.

■ Use the rotary selector to alter the power level.

■ Touch the OK sensor.

The altered power level is now saved.

■ Touch ▸≡.

The power level and the duration will appear in the display.

Changing the cooking duration

■ Use the rotary selector to alter the cooking duration.

■ Touch the OK sensor.

The power level and the duration will appear in the display with "Start" highlighted.

■ Touch the OK sensor.

The programme will restart with the new duration.

Changing the function

You can change the cooking function during operation. See "Functions without microwave power - Changing the function".

Setting further durations

You can set the programme to switch off or on and off automatically by setting a "Ready at" or "Start at" time.

– Ready at
  Set the time you want cooking to finish at. The oven will switch off automatically at the time you have set.

– Start at
  Set the time you want cooking to start at. The oven will switch on automatically at the time you have set.

Switching on and off automatically

To **switch a cooking programme on and off automatically** you have a choice of how to enter the time parameters:
– "Duration" and "Ready at"
– "Duration" and "Start at"

Example:
It is 11:45. Your food needs 5 minutes to cook and should be ready at 12:30.

- Set the power level and the duration.
- Touch ▸≡.
- Scroll through the list until "Ready at" is highlighted.
- Touch the OK sensor.
- Set the time to 12:30 h.
- Touch the OK sensor.
- Touch ▸≡.

The "Start at" time will be calculated automatically. "Start at 12:25" will appear in the display.

The oven will switch on automatically at this time.

Sequence of a programme that switches on and off automatically

Up until the start time the function, the selected power level, the duration, "Start at" and the start time will appear in the display.

After starting the time remaining will appear in the display.

You can follow the time counting down in the display.

At the end of the programme a buzzer will sound, if this option has been switched on (see "Settings - Buzzer tones").

The magnetron and lighting will switch off. "Process finished" will appear in the display.

This gives you the option of saving the programme as a User programme (see "User programmes").

Changing the set time

- Touch ‣≡.

All options that can be changed will appear.

- Scroll through the list until the time you want is highlighted.
- Touch the OK sensor.

If you want to change the "Ready at" or "Start at" time, select "Change" by touching the OK sensor.

- Set the time you require.
- Touch the OK sensor.
- Touch ‣≡ and the OK sensor if the programme is already running.

These settings will all be deleted in the event of a power cut.

Deleting a finish time

- Touch ‣≡.
- Scroll through the list until the time you want is highlighted.
- Touch the OK sensor.
- Scroll through the list until "Delete" is highlighted.
- Touch the OK sensor.

The cooking duration finish time is now deleted.

- Touch ‣≡.

The power level and the duration will appear in the display with "Start" highlighted.

- Touch the OK sensor.

The programme will restart with the new duration.

Cancelling cooking

- Turn the function selector to ●.

Durations set will be deleted.

Microwave combination programmes

Microwave combination programmes use microwave power with another cooking function (e.g. Fan plus, Auto roast, Grill or Fan grill).This combination enables shorter cooking durations.

Simple operation

- Switch the oven on.
- Place the food in the oven.
- Select the function you want.

The function, recommended power level and the power level range will appear in the display.

The oven lighting will come on.

- Change the recommended temperature if necessary.
- Touch the OK sensor.

The recommended temperature and temperature range will appear.

The following recommended temperatures are set at the factory:

MW + Fan plus . . . . . 160 °C
. . . . . (30–220 °C)

MW + Fan grill . . . . . 200 °C
. . . . . (100–200 °C)

MW + Grill . . . . . Grill level 3 (levels1–3)

MW + Auto roast * . . . . . 160 °C
. . . . . (100–200 °C)

* Initial searing phase temperature approx. 200 °C, continued roasting temperature 160 °C

- Change the recommended temperature if necessary.

Otherwise the recommended temperature will be accepted within a few seconds.

- Touch the OK sensor.
- Set the cooking duration.

You can set a maximum duration of 2:00 hours.

- Touch the OK sensor.

Power level, temperature and duration will appear and "Start" will be highlighted.

- Touch the OK sensor.

The cooking programme will start. The oven heating and cooling fan will switch on.

The power level and the required and actual temperature will appear.

You will see the temperature increasing.
A buzzer will sound when the selected temperature is first reached. See "Settings - Buzzer tones".

The time remaining will appear in the display.

At the end of the cooking duration

– "Process finished" will appear in the display,

– the oven heating will switch off automatically,

– the cooling fan will continue to run for a while,

– a buzzer will sound if the buzzer volume has been set (see "Settings - Buzzer tones").

If the food is not cooked to your satisfaction you can prolong the cooking duration by entering a new duration.

This gives you the option of saving the programme as a User programme (see "User programmes").

■ Take the food out of the oven.

■ Turn the function selector to ●.

■ Switch the oven off.

Cooling fan

The cooling fan will continue to run for a while after a cooking process to prevent moisture building up in the oven, on the control panel or on the oven housing unit.

The cooling fan will switch off automatically when the temperature in the oven interior has fallen sufficiently.

You can change this default setting if you wish (see "Settings - Cooling fan run-on).

Using the oven - further functions

You have placed the food in the oven, selected a temperature, a power level and a duration.

■ Touch ‣≡.

Further options will appear in the display which you can select or change for your programme:

– Ready at

– Start at

– Duration MW

Changing the power level

■ Touch ‣≡.

■ Scroll through the list until the power level is highlighted.

■ Touch the OK sensor.

■ Use the rotary selector to alter the power level.

■ Touch the OK sensor.

The altered power level is now saved.

■ Touch ‣≡.

The altered power level will appear.

Changing the temperature

■ Touch ‣≡.

The required temperature is highlighted.

■ Touch the OK sensor.

■ Set the temperature.

The temperature changes in 5° C steps.

■ Touch the OK sensor.

The altered required temperature is saved.

■ Touch ‣≡.

The altered required temperature appears.

Rapid heat-up

The Rapid heat-up function switches on automatically if you set the temperature above 100 °C with the following functions: MW + Fan plus and MW + Auto roast (see "Functions without microwave power – Rapid heat-up").

Changing the function

You can change the cooking function during operation. See "Functions without microwave power - Changing the function".

Setting further durations

You can set a programme to switch on and off automatically (see "Microwave solo – Setting further durations").

Setting the duration for microwave cooking

You can select how long you want microwave power to be on for at the beginning of a Microwave combination programme. This can be useful e. g. when baking to help the dough rise more efficiently.

- Touch ‣≡.
- Scroll through the list until "Duration MW" is highlighted .
- Touch the OK sensor.
- Set the cooking duration.
- Touch the OK sensor.
- Touch ‣≡.

Quick-MW ◈

If you touch the Quick-MW sensor ◈, the oven will start with a set power level and duration, e. g to reheat a drink.

The maximum pre-set power level is 1000 W and the maximum duration is 1 minute.

You can alter the power level and the duration. The maximum duration will depend on the power level selected (see "Settings – Quick MW").

This function can only be used when no other cooking programmes are in use and the function selector is at ●.

■ Touch ◈ until the cooking process begins.
Touching it repeatedly increases the duration in set stages.

The time remaining will appear in the display.

You can cancel the programme at any time by touching OK and then the On/ Off sensor ⏻.

At the end of the programme

– "Process finished" will appear in the display,

– a buzzer will sound if the buzzer is switched on (see "Settings - Buzzer tones").

If you touch the Popcorn sensor, the oven will start with a set power level and duration.

The power level is pre-set at 850 W and the duration at 3 minutes. This is suitable for most brands of microwave popcorn.

The duration can be changed up to a maximum of 4 minutes. The power level cannot be changed (see "Settings – Popcorn").

This function can only be used when no other cooking programmes are in use and the function selector is at ●.

■ Touch until the programme starts.

The time remaining will appear in the display.

You can cancel the programme at any time by touching OK and then the On/ Off sensor ⏻.

Do not leave the oven unattended during this programme and make sure you follow the instructions on the packaging.

At the end of the programme

– "Process finished" will appear in the display,

– a buzzer will sound if the buzzer is switched on (see "Settings - Buzzer tones").

Automatic programmes

Your oven has a wide range of Automatic programmes to enable you to achieve excellent results with ease. Simply select the appropriate programme for the type of food you are cooking and follow the instructions in the display.

Select Automatic programmes from the Auto menu.

Overview of food categories

– Cakes
– Cookies / Muffins
– Bread
– Bread mixes
– Bread rolls
– Meat
– Game
– Poultry
– Fish
– Cook with microwave

To use an Automatic programme

Please see the separate booklet for recipes.

■ Select Auto.

A list of food types will appear in the display.

■ Scroll through the list until the food type you want is highlighted.

■ Touch the OK sensor.

The Automatic programmes available will then appear.

■ Scroll through the list until the Automatic programme you want to use is highlighted.

■ Touch the OK sensor.

Each step you need to take before starting the Automatic programme will appear in the display.

Depending on the programme you have selected, further information or prompts will appear regarding

– the roasting or baking dish,
– the shelf level,
– the cooking duration.

■ Follow the instructions in the display.

Notes on using these programmes

– When using the Automatic programmes the recipes provided are designed as a guide only. You can use them for other similar recipes, including those using different quantities.

– The oven interior needs to be at room temperature before starting an Automatic programme.

– The duration quoted for Automatic programmes is an estimate. It may increase or decrease depending on the programme. The duration, in particular with meat, will vary depending on the initial temperature of the food.

– Some programmes require the addition of liquid during cooking. You will be prompted by a message in the display when this needs to be done (e.g. "Add liquid at ...").

– Some programmes require a pre-heating phase before food is placed in the oven. A prompt will appear to tell you when to add the food.

User programmes

You can create and save up to 20 of your own programmes.

– Each one can have up to 10 cooking stages. This enables you to save your most frequently used recipes very accurately. Each stage contains a function, temperature and duration.

– You can specify the shelf level(s) for the food.

– You can enter the name of the programme for your recipe.

When you next select the programme it will start automatically.

There are different ways of creating a User programme:

– Select "Save" at the end of running an Automatic programme.

– Select "Save" after running a programme with a set duration.

Then name the programme.

To create a User programme

■ Select [person].

To create the first User programme:

The first time you create a User programme "Create programme" will appear in the display.

■ Touch the OK sensor.

To create further User programmes:

If User programmes already exist, the programme names will appear with "Edit programmes" underneath them.

■ Scroll through the list until "Edit programmes" is highlighted.

■ Touch the OK sensor.

"Create programme" is then highlighted.

■ Touch the OK sensor.

You can now specify the settings for cooking stage 1.
Follow instructions in the display:

■ Select and confirm the cooking function, temperature and duration.

> Depending on oven function selected, you can also select Rapid heat-up. See "Using the oven - Further functions / Rapid heat-up".

Settings for the 1st cooking stage have now been set.

You can add more cooking stages, for example, if you want to add another cooking function to follow on from the first.

If further cooking stages are required:

- Select "Add cooking stage" and proceed as for the 1st cooking stage.

When you have finished setting the cooking stages:

- Select "Finish programme".

Finally set the shelf level(s) to be used.

- Select and confirm the required level(s).

A summary or your settings will appear in the display.

- Check the settings and then confirm them with OK.
- Scroll through the list until "Save" is highlighted.
- Touch the OK sensor.

Finally give the programme a name. The following symbols appear next to the alphabet:

Symbol	Explanation
␣	Space
ABC	Alphabet in upper case
abc	Alphabet in lower case
123	Numerals 0 to 9 and hyphen
✓	Confirm the programme name

- Scroll through the list until the character you want is highlighted.
- Touch the OK sensor.

The letter or number you have selected will appear in the top line of the display.

> Characters can be deleted one after the other using the ⮌ sensor.
>
> A name can have a maximum of 10 characters.

- Select the rest of the letters or numbers for your programme name.
- Once you have entered the programme name scroll through the list until ✓ is highlighted.
- Touch the OK sensor.

A message will appear in the display confirming that the name has been saved.

- Touch the OK sensor.

To start a User programme

■ Select [person].

The programme names will appear in the display with "Edit programmes" underneath.

■ Scroll through the list until the programme you want is highlighted.

■ Touch the OK sensor.

A list will appear in the display.

– Start now
The programme will start straight away and the oven heating will switch on.

– Start at
You can specify when you want the programme to start. The oven will switch on automatically at the time you set.

– Ready at
You can specify when you want cooking to finish. The oven will switch off automatically at the time you set.

The option to "Change cooking stages" is described in "To change User programmes".

■ Scroll through the list until the option you want is highlighted.

■ Touch the OK sensor.

■ Confirm the message regarding which shelf level to use with the OK sensor.

The programme selected will begin automatically straight away or at the time set.

To change User programmes

Change cooking stages

Cooking stages in an Automatic programme that you have renamed as a User programme cannot be changed.

- Select [i].

The programme names will appear in the display with "Edit programmes" underneath.

- Scroll through the list until the programme you want is highlighted.
- Touch the OK sensor.
- Scroll through the list until "Change cooking stages" is highlighted.
- Touch the OK sensor.

Cooking stage 1 is highlighted. You can change the specified settings for one cooking stage or add cooking stages to the programme.

- Scroll through the list until the cooking stage you want or "Add cooking stage" is highlighted in the display.
- Touch the OK sensor.
- Change the programme as you wish (see "To create a User programme").
- Touch the OK sensor.
- Check the settings and then confirm them with OK.
- Scroll through the list until "Save" is highlighted.
- Touch the OK sensor.
- Change the name if necessary (see "To create a User programme").

The changes to your programme will be saved.

Change name

- Select [i].

The programme names will appear in the display with "Edit programmes" underneath.

- Touch the OK sensor.
- Scroll through the list until "Change programme" is highlighted.
- Touch the OK sensor.
- Scroll through the list until the programme you want is highlighted.
- Touch the OK sensor.
- Scroll through the list until "Change name" is highlighted.
- Touch the OK sensor.
- Enter a new name (see "To create a User programme").
- After entering a new name, scroll through the list until ✓ is highlighted.
- Touch the OK sensor.

A message will appear in the display confirming that the name has been saved.

- Touch the OK sensor.

The new name for your programme has been saved.

To delete User programmes

- Select [person].

The programme names will appear in the display with "Edit programmes" underneath.

- Touch the OK sensor.
- Scroll through the list until "Delete programme" is highlighted.
- Touch the OK sensor.
- Scroll through the list until the programme you want is highlighted.
- Touch the OK sensor.

"Delete XYZ?" will appear in the display.

- Scroll through the list until "Yes" is highlighted.
- Touch the OK sensor.

The programme has been deleted.

> You can delete all User programmes at once (see "Settings - Factory default - User programmes").

Eating food which has been cooked correctly is important for good health.
Only bake cakes, pizza, chips etc. until they are golden. Do not overcook them.

Functions

Fan plus

Ideal for baking biscuits, sponges, choux pastry, puff pastry and filo pastry.

Microwave + Fan plus

Suitable for dough which requires longer baking, such as rubbed in, beaten mixtures and yeast recipes.

The baking duration is shorter.

During baking the microwave power level must not exceed 150 W.

Bakeware

The choice of bakeware depends on the oven function.

– Fan plus:
Bakeware made of any ovenproof material is suitable. Light-coloured, thin-walled, non-reflective metal tins can be used, but results may not be as good as with dark non-reflective tins.

– Microwave + Fan plus:
Only use ovenproof dishes suitable for microwave use (see "Suitable containers for microwave use"), such as ovenproof glass or ceramic dishes as these allow microwaves through them.
Metal containers reflect microwaves so food will only cook from above. Cooking durations would therefore be longer and metal tins could also cause sparking. Place the dish on the glass tray such that it cannot touch the oven walls. If the dish being used causes sparking do not use it for combination cooking again.

Baking parchment

Place chips, croquette potatoes and similar types of food on baking parchment.

Notes on the baking chart

Temperature

As a general rule, select the lower temperature given in the chart.

Baking at temperatures higher than those recommended may reduce the cooking time, but will lead to uneven browning, and unsatisfactory cooking results.

Baking duration

Check if the food is cooked at the end of the shortest time quoted.
To check if a cake is ready, insert a wooden skewer into the centre. It is ready if the skewer comes out clean, without dough or crumbs sticking to it.

Shelf level

- **Fan plus**

– Cakes in baking tins: Shelf level 1

– Flat items (e. g. biscuits, tray bakes): Shelf level 2

– Baking on two levels at once (depending on the depth of the items to be baked):
Shelf levels 1+3 or
Shelf levels 2+3

- **Microwave + Fan plus**

  Insert the glass tray on shelf level 1 and place the baking container on it.

Tips

– Set the cooking duration. When baking, the oven should not be set to start a long time off. Otherwise the cake mixture or dough will dry out, and the raising agents will lose their effectiveness.

– Position rectangular tins with the longer side across the width of the oven for optimum heat distribution and even baking results.

Baking chart

The data for the recommended function is printed in bold.

Unless otherwise stated, the durations given are for an oven which has not been pre-heated. With a pre-heated oven, shorten durations by up to 10 minutes. Please observe specified temperature ranges, microwave power levels, shelf levels and durations. They take into account the different types of baking tins, amount of cake mixture and baking practices.

In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest duration.

Cakes / biscuits					
	[°C]	[min]	[W]	[°C]	[min]
Creamed mixture					
Sponge cake	140–160	60–80	–	–	–
Ring cake	**150–170**	**65–80**	80	160	60–70
Muffins [1)]	**150–170**	**25–35**	–	–	–
Marble cake (tin)	**150–170**	**60–70**	–	–	–
Fresh fruit cake, with meringue topping (glass tray)[1)]	**150–170**	**35–45**	–	–	–
Fresh fruit cake (glass tray) [1)]	**150–170**	**35–45**	–	–	–
Fresh fruit cake (tin)	**150–170**	**55–65**	80	160	45–60
Flan base	**150–170**	**30–35**	–	–	–
Small cakes/biscuits	**150–170**	**15–30**	–	–	–
Rubbed in mixture					
Flan base	150–170	30–38	–	–	–
Streusel cake (glass tray) [1)]	**150–170**	**40–50**	–	–	–
Biscuits [1)]	**150–170**	**20–30**	–	–	–
Cheese cake	150–170	75–85	–	–	–
Apple pie	150–170	65–75	–	–	–
Apricot tart with topping (tin)	150–170	60–70	–	–	–

Cakes / biscuits	Fan plus		Microwave + Fan plus		
	Temperature [°C]	Duration [min]	Microwave power level in Combination programmes [W]	Temperature [°C]	Duration [min]
Sponge mix					
Sponge cake	150–170	30–35	–	–	–
Tart / flan base (2 eggs)	150–170	25–30	–	–	–
Swiss roll 1)	150–170	20–25	–	–	–
Yeast mixtures and quark dough					
Streusel cake (glass tray) 1)	**150–170**	**35–45**	–	–	–
Fresh fruit cake (glass tray) 1)	150–170	40–50	**150**	**170**	**35–45**
Gugelhupf	**140–160**	**55–65**	–	–	–
Stollen	**150–170**	**55–75**	–	–	–
White bread	**160–180**	**40–50**	–	–	–
Dark rye bread	**150–170**	**110–130**	–	–	–
Pizza (glass tray) 1)	170–190	40–50	80	180	30–40
Onion cake (glass tray) 1)	150–170	35–40	–	–	–
Apple turnovers 1)	**150–170**	**25–35**	–	–	–
Choux pastry, Eclairs 1)	**160–180**	**30–40**			
Puff pastry 1)	**170–190**	**25–35**	–	–	–
Meringues, macaroons 1)	**120–140**	**35–45**			
Frozen pizza (rack) 1) 2)	**200**	**12–16**	–	–	–

Fan plus / Microwave + Fan plus

Temperature / Duration / Microwave power level in Combination programmes

As a general rule, use shelf level 1.

1) Use shelf level 2.

2) Pre-heat the oven.

Functions

Fan plus / Auto roast

Use this programme for roasting meat, fish and poultry that needs to be well browned.

Microwave + Fan plus / Microwave + Auto roast

The programme duration is shorter with these functions.

The following microwave power levels should be used throughout roasting:

– For meat and fish: max. 300 W,

– For poultry: 150 W.

These combination programmes are **not** suitable for roasting sirloin joints or fillet. The centre would be too well cooked before the exterior is browned.

Roasting dishes

Please take into account the material of your bakeware in your choice of oven function:

– Fan plus / Auto roast : Gourmet oven dishes, oven proof ceramic dishes and glass dishes.

Make sure that the pot and lid have heat-resistant handles.

– Microwave + Fan plus / Microwave + Auto roast : Dishes must be suitable for use in a microwave oven and must not have metal lids (see "Suitable containers for microwave use").

Pot roasting

We recommend roasting in covered oven dishes. Meat will be tender and there will be sufficient stock for making gravy. The oven also stays cleaner than when roasting on the rack.

- Season the meat and place it in the roasting dish. Dot with butter or margarine or brush with oil if necessary.
  For large lean cuts of meat (2-3 kg) and fatty poultry add about 1/8 litre of water to the dish.
- When using a roasting bag, follow the manufacturer's instructions.

Roasting on the rack

Add a little fat or oil to very lean meat or place a few strips of streaky bacon on the top.

Do not add too much liquid during cooking as this will hinder the browning process.

Notes on the roasting chart

Temperature

As a general rule, select the lower temperature given in the chart. If higher temperatures are used, the meat will brown on the outside, but will not be properly cooked through.

For cuts which weigh more than 3 kg, select a temperature approx. 10 °C lower than that given in the roasting chart. Roasting will take longer at the lower temperature, but will be more even.

When roasting on the rack, set a temperature approx. 20 °C lower than for roasting in an oven dish.

Pre-heating

Pre-heating is required when roasting beef sirloin joints and fillet.

Roasting duration

The traditional British method for calculating the roasting time is to allow 15 to 20 minutes per lb/450 grammes, according to type of meat, plus approx. 20 minutes, adjusting the length of time as roasting proceeds to obtain the required result. The roasting time can also be determined by multiplying the thickness of the roast [cm] with the time per cm [min/cm], depending on the type of meat:

Beef/venison: . . . . . 15–18 min/cm

Pork/veal/lamb: . . . . . 12–15 min/cm

Sirloin/fillet: . . . . . 12–15 min/cm

Check if the meat is cooked after the shortest duration quoted.

Shelf level

– Fan plus / Auto roast:
Rack with meat on it on shelf level 1

– Microwave + Fan plus / Microwave + Auto roast:
Rack or glass tray with meat on it on shelf level 1

Tips

Browning

Browning only occurs towards the end of the roasting time. Remove the lid about halfway through the roasting time if a more intensive browning result is desired.

Standing time

At the end of the programme, take the roast out of the oven, wrap in aluminium foil and leave to stand for about 10 minutes. This helps retain juices when the meat is carved.

Roasting poultry

For a crisp finish, baste the poultry 10 minutes before the end of the cooking time with slightly salted water.

Roasting chart

Meat/Fish	/	
	[°C] 1) 2)	[min]
Topside of beef, approx. 1 kg	170–190	100–120
Sirloin/fillet 3) 4), approx. 1 kg	190–210	40–60
Haunch of venison (approx. 1 kg)	180–200	100–120
Saddle of venison (approx. 1 kg)	180–200	70–100
Roast pork (Leg, shoulder, neck, approx. 1 kg)	170–190	110–130
Gammon joint, approx. 1 kg	170–190	70–80
Meat loaf 4), approx. 1 kg	160–180	65–75
Veal, approx. 1 kg	170–190	80–100
Leg of lamb, approx. 2 kg	170–190	110–130
Saddle of lamb 3), approx. 2 kg	170–190	60–80
Poultry, approx. 1 kg	170–190	55–65
Poultry, approx. 4 kg	170–190	200–220
Fish, whole, approx. 1.5 kg	160–180	45–55

Unless otherwise stated, the durations given are for an oven which has not been pre-heated.

In general, if a range of temperatures is given, it is best to select the lower temperature and to check the food after the shortest duration.

Take note of the temperature range, the microwave power level, the shelf levels and the durations. These also take the type of cooking container, the size of the meat and cooking practices into account.

[W]	[°C]	[min]
–	–	–
–	–	–
–	–	–
–	–	–
150	180	90–100
150	180	60–70
300	180	35–45
150	180	70–80
150	180	90–110
–	–	–
150	180	45–55
150	160	120–150
150	170	35–45

Fan plus / Auto roast / Microwave + Fan plus / Microwave + Auto roast

Temperature / Duration / Microwave power level in Combination programmes

1) Roast in a covered dish.
   When roasting on the rack, set the temperature approx. 20 °C lower than for roasting in a covered oven dish.
2) Do not select a higher temperature than that advised.
   The meat will become brown, but will not be cooked properly.
3) Do not cover the food.
4) Pre-heat the oven, but do not use Rapid heat-up.

⚠ Danger of burning.
Grill with the oven door closed. If you grill with the door open, hot air will escape from the oven instead of being cooled by the cooling fan. The controls will get hot.

Functions

Grill

For grilling thin cuts e.g. steak, burgers or toast.

Fan grill

For grilling thicker items, e.g. rolled meat, poultry pieces.

The top heating / grill element and the fan switch on and off alternately.

MW + Grill,
MW + Fan grill

The grilling time is shorter.

During grilling the microwave power level must not exceed 300 W.

Trays and racks

- Grill on the rack.
- Brush the rack with oil and then place the food on the rack.

Notes on the grilling chart

Grill level

– Grill, MW + Grill

Level	Use
3	Thin cuts are cooked quickly when placed close to the grill element.
2	For a lighter, golden finish, e.g. on gratins and bakes.
1	Thicker cuts should be grilled further from the grill.

Temperature

– Fan grill,
MW + Fan grill:

As a general rule, select the lower temperature given in the chart. If higher temperatures are used, the meat will brown on the outside, but will not be properly cooked through.
Thin cuts can generally be grilled at 220 °C, thicker cuts at 180–200 °C.

Pre-heating

Always pre-heat the grill for approx. 5 minutes with the door closed.

Do not set a microwave power level during pre-heating.

Shelf level

– Grill, MW + Grill:
Use shelf level 2 or 3 depending on the height of the food.

– Fan grill,
MW + Fan grill:
Use shelf level 1 or 2 depending on the height of the food.

Grilling duration

– Flat pieces of fish and meat usually take 6–8 minutes per side.
It is best to grill food of a similar thickness at the same time so that the grilling duration for each item does not vary too greatly.

– Thicker pieces need about 7–9 minutes per side.

– With rolled meat, allow approx. 10 minutes per cm diameter.

Testing to see if cooked

One way of finding out how well a piece of meat has been cooked is to press down on it with a spoon:

Rare:	If the meat gives easily to the pressure of the spoon, it will still be red on the inside.
Medium:	If there is some resistance, the inside will be pink.
Well-done:	If there is very little resistance, it is cooked through.

Check if the meat is cooked after the shortest time quoted.

Tip

If the surface of thicker cuts of meat is cooked but the centre is still raw, continue grilling at a lower temperature setting or use a lower shelf level to allow the food to cook through to the centre.

Preparing food for grilling

Trim the meat. Do not season meat with salt before grilling as this draws the juices out.

Add a little oil to lean meat if necessary. Do not use other types of fat as they can burn and cause smoke.

Clean fish in the normal way. To enhance the flavour, add a little salt or squeeze a little lemon juice over the fish.

Grilling

- Pre-heat the grill for approx. 5 minutes with the door closed.

Do not set a microwave power level during pre-heating.

- Place the food on the rack.
- Select a function, microwave power level and a grill setting for the Grill and MW + Grill functions.
- Select a function, microwave power level and a temperature for the Fan grill and MW + Fan grill functions.

⚠ Danger of burning.
Use oven gloves when placing food in the oven, turning or removing it and when adjusting oven shelves etc. in a hot oven.

- Place the food on the appropriate shelf level (see Grilling chart).
- Close the door.
- Turn the food halfway through cooking.

Grilling chart

Pre-heat the grill for approx. 5 minutes with the door closed. Do not use microwave power whilst pre-heating the oven.

The data for the recommended function is printed in bold.
Check the food after the shortest duration quoted.
Take note of the temperature range, the microwave power level, the shelf levels and the durations. These take the size of the meat and cooking practices into account.

Food to be grilled	3 1	Grill		Fan grill	
		Level	Duration [min] 1)	Temperature [°C]	Duration [min] 1)
Thin cuts					
Steak	2/3 2)	**3**	**18–22**	220	10–16
Kebabs	2	–	–	220	15–20
Chicken kebabs	2	–	–	220	15–20
Escalopes	2/3 2)	–	–	220	14–18
Burgers	2/3 2)	**3**	**20–25**	220	20–25
Sausages	2/3 2)	**3**	**15–20**	–	–
Fish fillet	2/3 2)	**3**	**15–20**	–	–
Trout	2/3 2)	–	–	220	20–25
Toast	2/3 2)	**3**	**2–4**	–	–
Cheese toast	2	**3**	**5–9**	–	–
Tomatoes	2/3 2)	**3**	**10–12**	220	6–8
Peaches	2	**3**	**4–8**	220	7–10
Thicker cuts					
Chicken, approx. 1 kg	1/2 3)	**1/2**	**50–60**	**180–200** **150 W + 200** 4)	**45–55** **35–45**
Rolled meat, ∅ 10 cm, approx.1.5 kg	1	1/2	80–100	180–200	80–100
Pork, approx.1kg	1	–	–	**180–200**	**100–120**

3 1 Shelf level / Grill / Fan grill / Temperature / Duration

1) Turn the food halfway through grilling.
2) Select the shelf level according to the thickness of the food.
3) With Fan grill use shelf level 2.
4) Select MW + Fan grill.

Microwave defrosting, reheating and cooking

	Function	/	Suitable for:
Defrost		80 W	Very delicate foods such as cream, butter, cream and butter cream gateaux, cheese
		150 W	All other types of food
Reheat		450 W	Baby food
		600 W	All types of food; frozen ready-meals which do not need browning.
		850 W	
		1000 W	Drinks
Cooking		850 W Heating up	Casseroles; porridge and rice pudding; frozen foods which do not need browning.
		450 W Continued cooking	
		150 W Simmering	
	Select a Microwave combination programme if you want to shorten cooking durations and have a crisp finish to the dish.		
		300 W + 160–180 °C	Sear using a high temperature to start with, then continue cooking with a lower temperature.
		300 W + 150–170 °C	Ready-meals which need to be browned, e.g. gratins

Microwave / Microwave + Auto roast / Microwave + Fan plus / Temperature

The duration required depends largely on the nature of the food, the amount and its initial temperature. Food that has been refrigerated, for example, takes longer to reheat than food at room temperature.
Please refer to the relevant charts.

Before defrosting, reheating and cooking

- Place food (including frozen) in a dish that is suitable for microwave use, and cover it.
- Place the dish in the middle of the glass tray on shelf level 1.

With Microwave combination programmes

Only use heat-resistant containers which are microwave safe.

A lid is not usually required.
Never use a lid with Microwave + Auto roast as the food will not brown.

- Place the glass tray on shelf level 2.

Place ready-meals in aluminium foil dishes on the glass tray.

During the defrosting, reheating and cooking process

- Turn or stir the food several times. Stir the food from the outside towards the middle, as food heats more quickly from the outside.

After defrosting, reheating and cooking

Allow the food to stand at room temperature for a few minutes to enable the heat to spread evenly throughout the food.

⚠ After reheating food, especially food for babies and small children, stir the food or shake the container and check that the temperature does not pose any danger. Double check after it has been left to stand. Danger of burning.

⚠ Danger of burning. Be careful when removing dishes from the appliance. Although heat is not normally produced in the container itself by the microwaves (apart from stoneware), heat transfer from the food to the container may be considerable, making the container itself hot.

Always ensure that food is sufficiently cooked or reheated.

If in any doubt that the food has been sufficiently reheated/cooked, place it back in the appliance and reheat/cook it for a little longer.
It is very important to make sure that food which goes off easily, such as fish, poultry and minced meat is cooked sufficiently.

Tips on reheating

⚠ We do not recommend heating or reheating food or drinks for babies or young children in the microwave oven. Any decision to do this is the responsibility of the user, and should only be done with the utmost care. Pasteurised or sterilised cooked food should be gently heated for 1/2 to 1 minute at 450 W, and tasted to make sure it is not too hot for a baby's palate before serving. When reheating other food or drink, heat to a high temperature and allow to cool to a suitable heat for eating. For formula milk follow the manufacturer's instructions.

Do not cook or reheat food or liquids in sealed containers, jars or bottles. With baby bottles, the screw top and teat must be removed.
Otherwise pressure will build up which can cause the bottle or container to explode, posing a severe risk of injury.

When heating liquids, the boiling rod provided should always be placed in the container.
It helps liquids to heat evenly and make sure the bubble are produced at the right time.

Never reheat hard boiled eggs using Microwave solo ≋. even without the shell. The eggs can explode.

Tips on cooking

Food with a thick skin or peel, such as tomatoes, sausages, jacket potatoes and aubergines, should be pierced or cut in several places to allow steam to escape and prevent the food from bursting.

Eggs can only be cooked in their shells using Microwave solo ≋ in a specially designed egg-boiling device available from specialist shops. Eggs can burst, even after they have been taken out of the oven.

Eggs can be cooked without their shells using microwave power only if the yolk membrane has been punctured several times first.
The pressure could otherwise cause the egg yolk to explode.

Use	Notes
Defrosting large quantities of food at once, e.g. 2 kg fish	The glass tray can be used on shelf level 1 for defrosting food.
Reheating food	Always cover food when reheating it, except when reheating meat/fish coated in breadcrumbs.
Cooking vegetables	Add a little water to vegetables which have been kept stored. Vegetable cooking times depend on the texture of the vegetable. Fresh vegetables contain more water than vegetables which have been stored and usually cook more quickly.
Cooking frozen ready-meals	Deep-frozen, ready-made meals can be defrosted and then reheated or cooked in one process. Follow the instructions on the packet.

Charts for defrosting, reheating and cooking food

The following notes apply to all charts:

– Take note of the recommended microwave power levels, durations and standing times. These take the consistency, the quantity and the initial temperature of the food into account.

– You are generally advised to select the middle duration.

– Place the food on the glass tray and use shelf level 1.

Microwave defrosting, reheating and cooking

Chart for defrosting food

	Quantity	150 W ⏲ [min]	80 W ⏲ [min]	Standing time [min][1)]
Dairy products				
Cream	250 ml	–	13–17	10–15
Butter	250 g	–	8–10	5–10
Cheese slices	250 g	–	6–8	10–15
Milk	500 ml	14–16	–	10–15
Quark	250 g	10–12	–	10–15
Cakes / Pastry / Bread				
Sponge cake	Qty 1, approx. 100 g	1–2	–	5–10
Sponge cake	300 g	4–6	–	5–10
Fresh fruit cake	Qty 3, approx. 300 g	6–8	–	10–15
Butter cake	Qty 3, approx. 300 g	5–7	–	5–10
Cream cake	Qty 1, approx. 100 g	–	1.5	5–10
	Qty 3, approx. 300 g	–	4–4.5	5–10
Yeast buns, puff pastries	Qty 4	6–8	–	5–10
Fruit				
Strawberries, raspberries	250 g	7–8	–	5–10
Red / blackcurrants	250 g	8–9	–	5–10
Plums	500 g	12–16	–	5–10
Meat				
Minced beef	500 g	16–18	–	5–10
Chicken	1000 g	34–36	–	10–15
Vegetables				
Peas	250 g	8–12	–	5–10
Asparagus	250 g	8–12	–	10–15
Beans	500 g	13–18	–	10–15
Red cabbage	500 g	15–20	–	10–15
Spinach	300 g	12–14	–	10–15

≋ Microwave power / ⏲ Defrosting duration

1) Allow the food to stand at room temperature for a few minutes to enable the heat to spread evenly throughout the food.

Chart for reheating food

Drinks [2]				
	Quantity	**1000 W** ⏲ [min]	**450 W** ⏲ [min]	**Standing time** [min][1]
Coffee, drinking temperature 60–65 °C	1 cup (200 ml)	00:50–1:10	–	–
Milk, drinking temperature 60–65 °C	1 cup (200 ml)	1–1:50 [3]	–	–
Water, bringing to the boil	1 cup (125 ml)	1–1:50	–	–
Baby bottle (milk)	approx. 200 ml	–	00:50–1 [3]	1
Mulled wine, grog drinking temperature 60–65 °C	1 glass (200 ml)	00:50–1:10	–	–
Food [3]				
	Quantity	**600 W** ⏲ [min]	**450 W** ⏲ [min]	**Standing time** [min][1]
Baby food (room temperature)	1 jar (200 g)	–	00:30–1	1
Cutlets, roasted	200 g	3–5	–	2
Fish fillet, roasted	200 g	3–4	–	2
Roast meat in gravy	200 g	3–5	–	1
Side dishes	250 g	3–5	–	1
Vegetables	250 g	4–5	–	1
Gravy	250 ml	4–5	–	1
Soup / casserole	250 ml	4–5	–	1
Soup / casserole	500 ml	7–8	–	1

≋ Microwave power / ⏲ Reheating duration

1) Allow the food to stand at room temperature for a few minutes to enable the heat to spread evenly throughout the food.

2) Place the boiling rod supplied into the cup or glass.

3) Durations assume food is approx. 5 °C to start with.

For food not normally refrigerated, durations assume food is at room temperature or approx. 20 °C.

With the exception of baby food and delicate whisked sauces food should be reheated to a temperature of 70–75 °C.

Microwave defrosting, reheating and cooking

Chart for cooking food

	Quantity	850 W ⏲ [min]	+	450 W ⏲ [min]	Standing time[1] [min]
Meat					
Meatballs in gravy (400 g meat)		10–12			2–3
Stew (750 g meat)		16	+	15	2–3
Poultry					
Chicken in mustard sauce	Approx. 800 g	4	+	12	2–3
Chicken curry	Approx. 900 g	5	+	12	2–3
Chicken risotto	Approx. 1.6 kg	10	+	15	3–5
Fish					
Fillet in sauce	Approx. 900 g	8–10			2–3
Fish curry	Approx. 1.5 kg	5	+	12	3–5
Fresh vegetables					
Carrots	300 g	2	+	6	2
Cauliflower florets	500 g	6	+	10	2
Peas	450 g	5	+	10	2
Peppers, cut into strips	500 g	5	+	10	2
Kohlrabi batons	500 g	3	+	8	2
Brussels sprouts	300 g	3	+	9	2
Asparagus	500 g	5	+	8	2
Broccoli florets	300 g	4	+	4	2
Leeks	500 g	5	+	8	2
Green beans	500 g	4	+	12	2
Frozen vegetables					
Peas, mixed veg.	450 g	5	+	11	2
Spinach	450 g	5	+	7	2
Brussels sprouts	300 g	4	+	6	2
Broccoli	300 g	3	+	6	2
Leeks	450 g	4	+	8	2
Desserts					
Quark souffle (500 g quark)		10–12		–	–
Fruit compote (500 ml fruit juice or 500 g fruit)		6–8		–	–

≋ Microwave power / ⏲ Duration

1) Allow the food to stand at room temperature for a few minutes to enable the heat to spread evenly throughout the food.

Your oven has a number of Special applications in addition to the Automatic programmes. They are listed under Further programmes:

- Defrost
- Gentle bake
- Drying
- Reheat (Reheating plated meals)
- Heat crockery
- Prove dough
- Pizza

This section also gives information the following applications:

- Frozen food / Ready meals

Defrost

Use the Defrost function to gently defrost frozen food.

Only use heat-resistant containers which are microwave safe.

- Select [icon].
- Select "Defrost".
- Select the food category.
- Enter the weight of the food.
- Follow the instructions in the display.

Air is circulated throughout the cabinet to gently defrost the food.

⚠ Danger of salmonella poisoning. It is particularly important to observe food hygiene rules when defrosting poultry. Do not use the liquid from the defrosted poultry. Pour it away, and wash the tray, the sink and your hands.

Tips

– Place the food to be defrosted on the glass tray without its packaging.

– When defrosting poultry, put it on the rack over the glass tray to catch the defrosted liquid so that the meat is not lying in this liquid.

– Meat, poultry and fish do not need to be fully defrosted before cooking. Defrost so that the surface is sufficiently soft to take herbs and seasoning.

Gentle bake

The Gentle bake function is ideal for bakes and gratins which require a crisp top.

The temperature can be set between 100 and 230 °C.

- Select .
- Select "Gentle bake" and change the recommended temperature if necessary.
- Follow the instructions in the display.

The table contains a few examples.

Food	[°C]		[min]
Lasagne	190	1	45–60
Potato gratin	180	1	55–65
Vegetable bake	180	1	55–65
Pasta bake	190	1	40–50

Temperature / Shelf level / Duration

For other recipes, use the temperature and time settings given for Fan plus as a guide.

Drying

This programme is designed for traditional style drying of food to preserve it.

The temperature can be set between 80 and 100 °C.

It is important that fruit and vegetables are ripe and not bruised before they are dried.

■ Prepare the food for drying

– Peel and core apples, and cut into slices 0.5 cm thick.

– Stone plums, if necessary.

– Peel, core and cut pears into thick wedges.

– Peel and slice bananas.

– Clean mushrooms and cut them in half or slice them.

– Remove parsley and dill from the stem.

■ Distribute the food to be dried evenly over the glass tray or the rack.

■ Select .

■ Select "Drying".

■ Alter the recommended temperature if necessary and then set the duration.

■ Follow the instructions in the display.

Food	Drying time
Fruit	2–8 hours
Vegetables	3–8 hours
Herbs	50–60 minutes

■ Reduce the temperature if condensation begins to form in the oven.

⚠ Danger of burning. Wear oven gloves when removing the dried food from the oven.

■ Allow the dried fruit or vegetables to cool down after drying.

Dried fruit must be completely dry, but also soft and elastic.

■ Store in sealed glass jars or tins.

Reheat

This programme is designed to reheat cooked food.

Only use heat-resistant containers which are microwave safe.

- Place the food to be reheated in its dish on the rack. Do not cover it.
- Select .
- Select "Reheat".
- Select the food category.
- Enter the weight of the food.
- Follow the instructions in the display.

⚠ Danger of burning.
Wear oven gloves when removing the dishes from the oven.
Droplets of water may have accumulated underneath the dish.

Heat crockery

This programme is designed to pre-heat your crockery.

The temperature can be set between 50 and 80 °C.

Use heat-resistant dishes.

- Place the rack on shelf level 1 and place the dish to be pre-heated on it.
- Select .
- Select "Heat crockery".
- Alter the recommended temperature if necessary and then set the duration.
- Follow the instructions in the display.

⚠ Danger of burning
Wear oven gloves when removing dishes from the oven.

- Remove the hot dishes.
- Switch the oven off.

Prove dough

This programme is designed specifically for proving yeast dough.

The temperature can be set between 30 and 50 °C.

- Select .
- Select "Prove dough"
- Alter the recommended temperature if necessary and then set the duration.
- Follow the instructions in the display.

Pizza

This programme is designed specifically for baking pizza.

The temperature can be set between 160 and 250 °C.

- Select .
- Select "Pizza".
- Alter the recommended temperature if necessary and then set the duration.
- Follow the instructions in the display.

Frozen food / Ready meals

Tips

Cakes, pizza, baguettes

– Bake on a layer of baking parchment placed on the rack.

– Use the lowest temperature recommended on the manufacturer's packaging.

Oven chips, croquettes or similar items

– Place them on baking paper on the rack.

– Use the lowest temperature recommended on the manufacturer's packaging.

– Turn several times during cooking.

Method

Eating food which has been cooked correctly is important for good health.

Only bake cakes, pizza, chips etc. until they are golden. Do not overcook them.

- Select the function and temperature recommended on the manufacturer's packaging.
- Pre-heat the oven.
- Place the food in the pre-heated oven on the shelf level recommended on the packaging.
- Check the food at the end of the shortest time recommended on the packaging.

Note for test institutes

Test food acc. to EN 60350 (Function: Microwave solo)

Test food	Function	[W]	[min]	Standing time [min] 1)	Notes
Defrost raspberries, 250 g 2)		150	7	3	Do not cover
Defrost minced beef, 500 g 2)		150	16–18	5–10	Do not cover, turn halfway through defrosting
Cook meat loaf, 900 g 2)		600 + 450	8:30 + 11	5	Container: Pyrex 03.838.80, 28 cm long, do not cover
Cook potato gratin,1105 g 2)		300/180 °C	30–35	5	Container: Pyrex 03.827.80
Bake sponge cake, 475 g 2)		450	7:30–8:30	5	Container: Pyrex 03.827.80, do not cover
Cook custard, 1000 g 2)		450	25–27	120	Container: Pyrex 07.227.8 (25 x 25 cm)

Microwave power / Microwave + Fan plus / Defrost or cooking duration

1) Leave the food to stand at room temperature.
This allows the heat to be distributed evenly through the food.

2) Place the glass tray on shelf level 1.

Test food acc. to EN 60350 (functions without microwave power)

Test food	Tin/ glass tray	Function	[°C]	[min]
Drop cookies	1 glass tray 1)	Fan plus	140	38–45
	2 glass trays 2)	Fan plus	140	50–55
Sponge cake	Springform, 1) 26 cm, dark	Fan plus	170	32–37
Apple pie	Springform, 3) 20 cm, dark	Fan plus	160	110–120
Small cakes	1 glass tray 1)	Fan plus	150	26–34
	2 glass trays 2)	Fan plus	150	30–36
Toast	Rack 4)	Grill	–	5–7 + 5 min. Pre-heat
Grill Beefburgers (qty 12)	Rack on top of glass tray 1)	Grill	–	1st side: 16–18, 2nd side: 12–14 + 5 min. pre-heating

Fan plus / Grill / Temperature / Duration

1) Use shelf level 2.

2) Use shelf level 1+3.

3) Use shelf level 1.

4) Use shelf level 3.

⚠ Danger of burning. Make sure the oven heating elements are switched off and that the oven cavity is cool.

⚠ Danger of injury. Do not use a steam cleaning appliance to clean this appliance. The steam could reach electrical components and cause a short circuit.

Clean the oven interior, inside of the door and door seal as soon as the oven has cooled down. Waiting too long can make cleaning unnecessarily difficult and in some cases impossible. In certain circumstances, very heavy soiling can even damage the appliance.

Check the door and door seal for any sign of damage.
If any damage is noticed, the oven should not be used again in microwave mode until the fault has been rectified by a service technician.

Unsuitable cleaning agents

To avoid damaging the surfaces, do not use:

- cleaning agents containing soda, ammonia, acids or chlorides,
- cleaning agents containing descaling agents on the oven front,
- abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
- solvent-based cleaning agents,
- stainless steel cleaning agents,
- dishwasher cleaner,
- glass cleaning agents,
- cleaning agents for ceramic hobs,
- hard, abrasive brushes or sponges, e. g. pot scourers, brushes or sponges which have been previously used with abrasive cleaning agents,
- melamine eraser blocks,
- sharp metal scrapers or tools,
- wire wool or metal scourers,
- stainless steel spiral pads,
- spot cleaning,
- oven cleaner*.

* this can, however, be used to remove very heavy soiling from PerfectClean treated surfaces.

Soiling might become impossible to remove if it is not dealt with.
Continued use of the oven without regular cleaning will make it much harder to keep clean.
Soiling is, therefore, best removed after each use of the oven.

Only the glass tray and the boiling rod are dishwasher proof.

Tips

– Soiling caused by spilt juices and cake mixtures is best removed whilst the oven is still warm. Exercise caution and make sure the oven is not too hot - danger of burning.

– The top heat/grill element can be lowered to make it easier to clean the oven.

– To neutralise odours in the oven, put a container of water with some lemon juice in the oven and heat for a few minutes.

Normal soiling

Do not use too much water on the cloth or sponge and do not let water or any other liquid find its way into any openings.

- It is best to remove normal soiling immediately using a clean sponge and a solution of hot water and washing-up liquid or with a clean, damp microfibre cloth.
- After cleaning make sure all residual cleaning agent is thoroughly removed with clean water. This is particularly important when cleaning PerfectClean surfaces as cleaning agent residues can impair the non-stick properties.
- After cleaning and rinsing, wipe the surfaces dry using a soft cloth.

Stubborn soiling

Spilt fruit and roasting juices may cause lasting discolouration or matt patches on enamelled surfaces. This discolouration is permanent but will not affect the efficiency of the finish. Do not try to remove this discolouration! Clean these following the instructions given here.

- Moisten stubborn soiling with a solution of hot water and washing-up liquid and leave for a few minutes to take effect.
- You can then also use the scouring pad on the back of a washing-up sponge to remove the soiling.
- After cleaning, rinse thoroughly with clean water, and dry with a soft cloth.
- Very stubborn soiling on PerfectClean treated enamel can be cleaned using Miele oven cleaner. It must be applied to surface when cold. Follow instructions on the packaging.

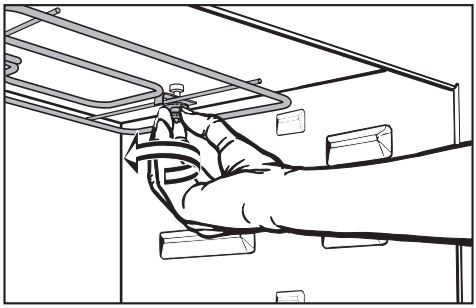
Non-Miele oven spray must only be used in a cold oven and for no longer than a maximum of 10 minutes.

- You can then also use the scouring pad on the back of a washing-up sponge to remove the soiling.
- After cleaning, remove all oven cleaning agent residues thoroughly with clean water, and dry with a soft cloth.

Lowering the top heat/grill element

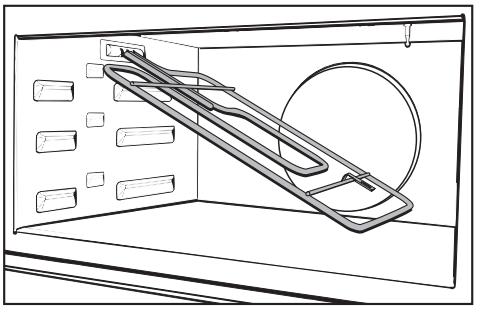
If the oven interior roof is badly soiled, the top heat/grill element can be lowered to make cleaning easier.

⚠ Danger of burning.
Make sure the oven heating elements are switched off and cool.



- To lower the top heat/grill element, the nut needs to be unscrewed.

Do not use force to lower it as this can cause it to break.



- Carefully lower the top heat/grill element.
- Clean the roof of the oven regularly with a damp cloth or a dishwashing sponge.
- After cleaning, raise the top heat/grill element gently back up again. Refit the nut and tighten to secure the element back in position.

Problem solving guide

With the aid of the following guide, minor problems can be easily corrected without contacting Miele. If having followed the suggestions below, you still cannot resolve the problem, please contact Miele (see back cover for contact details).

⚠ Danger of injury.
Installation, maintenance and repairs may only be carried out by a suitably qualified and competent person. Repairs and other work by unqualified persons could be dangerous.
Miele cannot be held liable for unauthorised work.
Do not attempt to open the casing of the oven yourself.

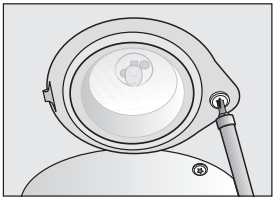
Problem	Possible cause and remedy
The display is dark.	The time of day is switched off. It will not appear in the display until the oven is switched on. The time can be displayed constantly (see "Settings - Time - Display").
	There is no power to the oven. ■ Check whether the mains fuse has tripped. If it has, contact a qualified electrician or Miele.
A programme will not start.	■ If using a programme with microwave power, make sure that you have entered a power level and a duration. ■ If using a Microwave combination programme, make sure you have entered a power level and a duration for the microwave mode and a temperature for the conventional oven function.

Problem	Possible cause and remedy
When the oven is switched on "System lock 🔒" will appear in the display.	The system lock 🔒 is active. It can be released for a programme to be run by touching the OK sensor for at least 6 seconds. The system lock can be permanently deactivated (see "Settings – System lock 🔒").
The oven does not heat up.	■ Check whether "On" has been selected for demo mode (see "Settings - Showroom programme"). If demo mode has been switched on the oven can be operated but it will not heat up. ■ Deactivate demo mode.
"Power cut - Process cancelled" appears in the display.	There has been a power cut which has caused a current process to stop. ■ Switch the oven off and then back on again. Start the cooking programme again.
12:00 appears in the display.	The power supply was interrupted for longer than 200 hours. ■ Reset the time and date.
The message "Maximum operating duration reached" appears unexpectedly in the display.	The oven has been operating for an unusually long time and this has activated the safety switch-off function. ■ Select "OK". Touch ⮌ to delete "Process finished". The oven will then be ready for use again.
"⚠ Fault XX" appears in the display.	There is a problem that you cannot resolve. ■ Call the Miele Service Department.

Problem	Possible cause and remedy
If the door is opened whilst using Microwave solo [≋], the oven stops making a noise.	This is not a fault. If microwave power is being used the cooling fan will switch off when the door is opened.
A noise can be heard after a cooking process.	The fan remains switched on after a cooking programme (see "Settings - Cooling fan run-on").
An abnormal sound can be heard when the oven is operating in microwave mode.	■ Check if there are sparks caused by using metal dishes (see "Suitable containers for microwave use").
	■ Check if the food is covered with aluminium foil. If it is, remove the foil.
	■ Check if the rack is inside the oven. Always use the glass tray when using the oven with Microwave power.
The oven has switched itself off.	The oven will switch itself off automatically to save energy if no other action is taken within a certain time frame after switching it on or after the end of a cooking programme. ■ Switch the oven back on.

Problem	Possible cause and remedy
Cakes and biscuits are not cooked properly after following the times given in the chart.	A different temperature from the one given in the recipe was used. ■ Select the temperature required for the recipe.
	The ingredient quantities are different from those given in the recipe. ■ Double check the recipe. The addition of more liquid or more eggs makes a moister mix which would take longer to cook.
Browning is uneven.	The wrong temperature or shelf level was selected. ■ There will always be a slight unevenness. If the unevenness is pronounced, check that the correct temperature and shelf level have been selected.
	The material or colour of the baking tin is not suitable for the oven function. Bright shiny tins are not very suitable. Try using a different tin next time. These reflect heat, which means that the heat does not penetrate to the food effectively, resulting in uneven or poor browning. ■ Dark matt tins are best for baking.

Problem	Possible cause and remedy
The food is not sufficiently heated or is not cooked at the end of a set duration when using Microwave solo (≋).	■ Check that you remembered to restart the programme after interrupting a cooking process using microwave power.
	■ Check that the correct duration was selected for the power level chosen when cooking or reheating with microwave power. The lower the power level the longer the duration.
Food has cooled down too quickly after being reheated or cooked in microwave mode.	Microwaves cause food to heat from the outside first. This heat then moves towards the middle of the food. If food is cooked at a high power level it is possible that the heat may not have reached the centre of the food. Food may be hot on the outside but cool in the middle. When reheating food with different densities, such as plated meals, it is sensible to start with a low power level and select a longer reheating duration.
The oven lighting switches off after a short time.	The oven lighting is set to switch off after 15 seconds (default setting). You can change the default setting for this (see "Settings - Lighting").

Problem	Possible cause and remedy
The oven lighting does not switch on. 	The halogen lamp needs replacing. Danger of burning. Make sure the oven heating elements are switched off and cool. ■ Disconnect the appliance from the mains. The lamp cover consists of two parts: a glass piece and a mounting. Hold the lamp cover securely when removing it so that it does not fall. Place a tea towel over the floor of the oven and the open door to protect them. ■ Remove the screw to the lamp cover using a T20 Torx screwdriver, and take off the cover. Do not touch the halogen lamp with bare fingers. Please follow the manufacturer's instructions. ■ Pull the halogen lamp out. ■ Replace it with a new halogen lamp (Osram 66725, 230 V, 25 W, G9). It must be thermally stable up to 300 °C. ■ Replace the glass piece in the mounting, and refit the lamp cover. Make sure that the lug on the mounting is correctly located in the notch in the roof of the oven, then screw the mounting back into place. ■ Reconnect the oven to the electricity supply.

After sales service

In the event of any faults which you cannot remedy yourself, or if the appliance is under guarantee, please contact

– your Miele Dealer

or

– The Miele service department.

See end of manual for contact details.

When contacting your Dealer or Miele, please quote the model and serial number of your appliance.

This information is given on the data plate, visible on the front frame of the oven, with the door fully open.

Please note that telephone calls may be monitored and recorded for training purposes.

N.B. A call-out charge will be applied to service visits where the problem could have been resolved as described in these instructions.

Guarantee: U.K.

In the U.K, the appliance is guaranteed for 2 years from the date of purchase. However, you must activate your cover by calling 0845 365 6640 or registering online at www.miele.co.uk.

Guarantee: Other countries

For information on the appliance guarantee specific to your country please contact Miele. See end of this booklet for contact details.

All electrical work should be carried out by a suitably qualified and competent Miele approved service technician in strict accordance with current national and local safety regulations (BS 7671 in the UK).

This appliance is supplied with a mains cable for connection to a 230 - 240 V, 50 Hz single phase supply.

The voltage and connected load are given on the data plate situated at the front of the oven interior. Please ensure that these match the household mains supply.

Connection should be made via a fused connection unit or a suitable isolator, which complies with national and local safety regulations, and the on/off switch should be easily accessible after the appliance has been installed.

If the switch is not accessible after installation (depending on country) an additional means of disconnection must be provided for all poles.

Switches with a minimum all-pole contact gap of 3mm are suitable for isolating the appliance. These include circuit breakers, fuses and protective devices.

For extra safety it is advisable to protect the appliance with a suitable residual current device (RCD). Please contact a qualified electrician for advice.

If the cable is damaged a new cable must be fitted by a Miele approved service technician.

This appliance conforms with European Standard EN 55011 as a Group 2, Class B product. Group 2 appliances use high frequency energy in the form of electro-magnetic waves to create heat in food. Class B is assigned to appliances that are suitable for domestic use.

Important UK

The wires in the mains lead are coloured in accordance with the following code:

Green/yellow = earth

Blue = neutral

Brown or black = live

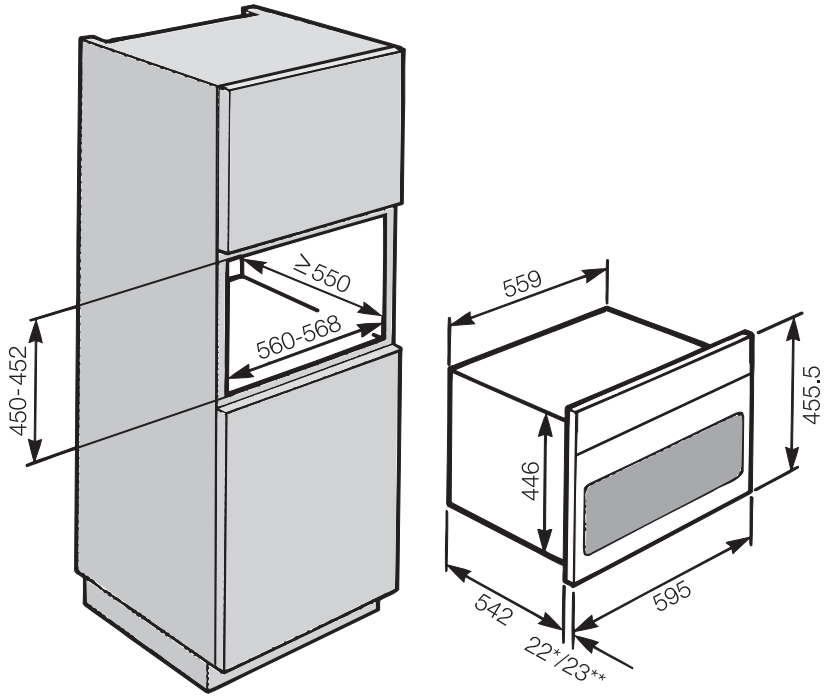
WARNING
THIS APPLIANCE MUST BE EARTHED

Building-in diagrams

Appliance and niche dimensions

Dimensions are given in mm.

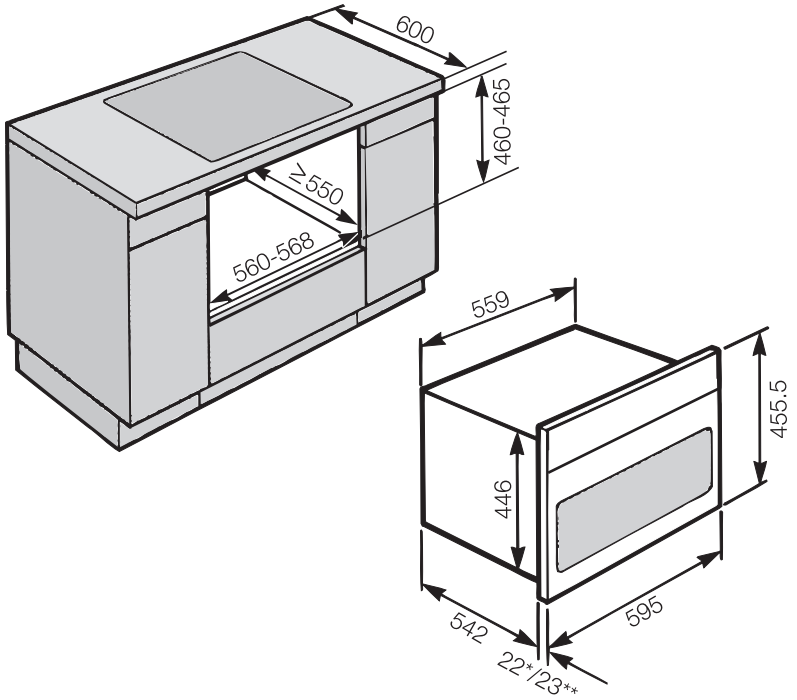
Installation in a tall unit



* Ovens with glass front
** Ovens with metal front

Installation in a base unit

If fitted underneath a hob, the installation instructions for the hob must also be taken into account.

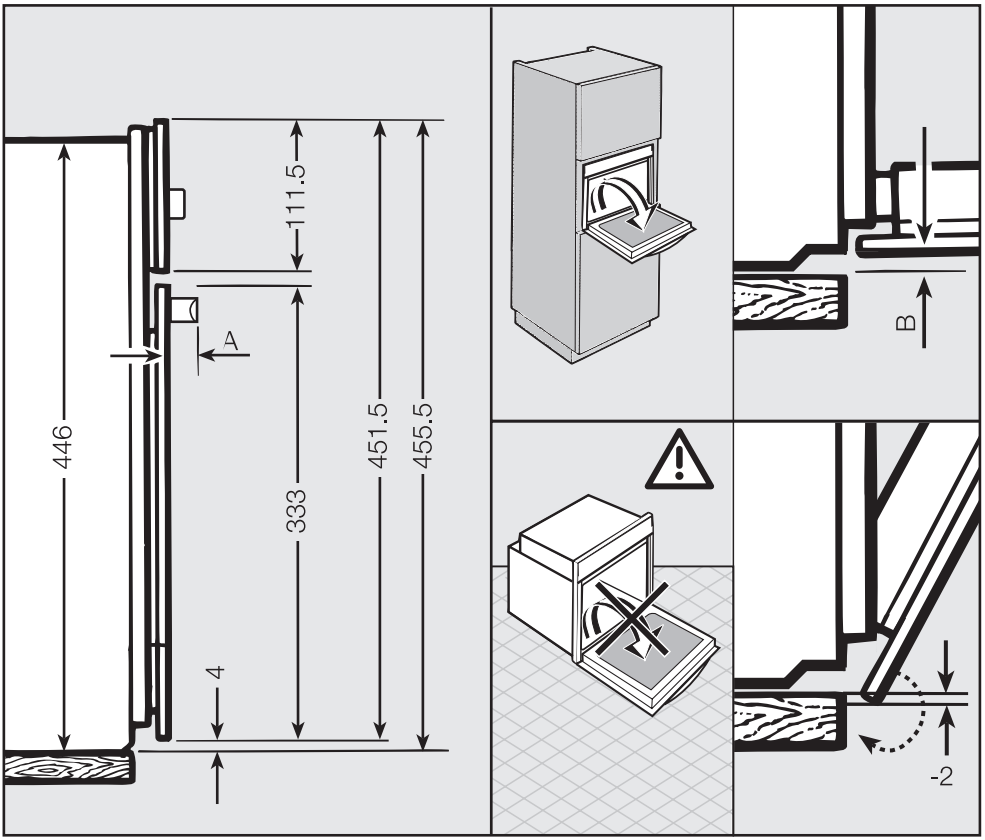


* Ovens with glass front
** Ovens with metal front

Building-in diagrams

Front dimensions

Dimensions are given in mm.

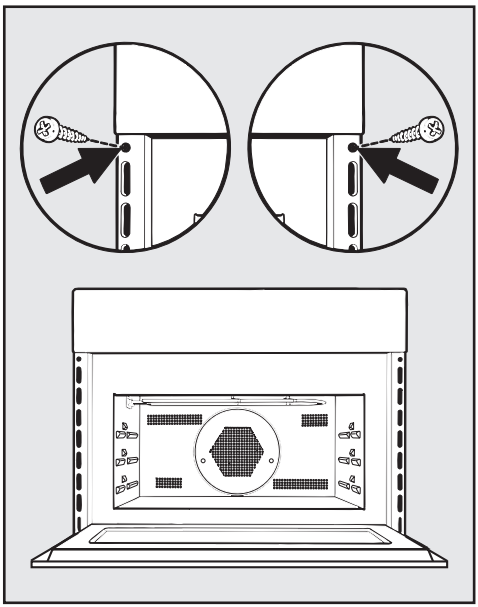


A H6300BM: 45 mm
H6400BM: 42 mm

B Ovens with glass front: 2.2 mm
Ovens with metal front: 1.2 mm

⚠ The oven must not be operated until it has been correctly installed in its housing unit.

- Connect the mains cable from the oven to the isolator.
- Push the oven into the housing unit up to the oven trim and align it.



- Open the door and use the screws supplied to secure the oven to the side walls of the housing unit through the holes in the oven trim.

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